

Department of Economics, University of Bombay  
Operations Research Group, Baroda

**SURVEY**  
**of**  
**INDIA'S EXPORT POTENTIAL**  
**of**  
**OILCAKES**

April 1969

Vol. V B (of five)













FOR LIMITED  
DISTRIBUTION ONLY

• SURVEY  
OF  
INDIA'S EXPORT POTENTIAL  
OF  
OILCAKES

Prepared under the guidance of  
THE EXPORT PROMOTION DIVISION  
U.S. Agency for International Development, New Delhi  
for  
THE MINISTRY OF FOREIGN TRADE AND SUPPLY  
Government of India

DEPARTMENT OF ECONOMICS  
University of Bombay, Bombay  
and  
OPERATIONS RESEARCH GROUP  
Baroda







SUPPLY DISTRIBUTION







## SUPPLY DISTRIBUTION

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SUPPLY-DISTRIEUTION

27. CANADA







CANADA

TABLE - A : PRODUCTION OF OILSEEDS

(in '00 tons)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	1361	1808	1798	1361	1900	2184	2448	2200*
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	132	112	81	162	142	132	132	130*
Rape/Mustard	2520	2540	1331	1900	2997	5121	5852	6015
Linseed	5730	3637	4074	5364	5161	7427	5598	2581
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	9743	8097	7284	8787	10200	14864	14030	10926

\* ISTA (Hamburg) OILWORLD



TABLE - B : IMPORTS OF OILSEEDS

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	366	345	437	376	416	491*	452*	530*
Soyabean	4135	3129	3790	3861	4978	4321*	4311*	4384*
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	20	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Total	4501	3474	4227	4237	5414	4812	4763	4914

\* ISTA (Hamburg) OILWORLD



CANADA

TABLE - C : EXPORTS OF OILSEEDS

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	599	823	742	447	528	664	719	519
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	51	61	61	51	62	85	(78)
Rape/Mustard	1178	1229	1951	1412	823	2415*	3165*	3366*
Linseed	3688	3515	2926	2926	3769	4088*	5130*	3536*
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Total	5465	5618	5680	4846	5171	7229	9099	7499

\* ISTA (Hamburg) OILWORLD

( ) estimated

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	366	345	437	376	416	491	452	530
Soyabean	4897	4114	4846	4775	6350	5841	6040	6065
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	132	61	20	101	91	70	47	52
Rape/Mustard	1342	1311	*	488	2174	2706	2687	2649
Linseed	2042	122	1148	2438	1412	3339	468	*
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	8779	5953	6451	8178	10443	12447	9694	9296

Source : Derived from Tables A, B & C.

\* The exports are greater than production figures and no import stock statistics are available, hence no availability for crushing.



CANADA

TABLE - E : OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	205	192	247	210	233	275	253	297
Soyabean	3869	3250	3828	3772	5016	4614	4772	4791
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	88	41	13	68	61	47	31	35
Rape/Mustard	738	721	-	268	1196	1488	1478	1457
Linseed	1307	78	735	1560	904	2137	299	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	6207	4282	4823	5878	7410	856.1	683.3	658.0

Source : Derived from Table D.

TABLE - F : IMPORTS OF OILCAKES & MEAL

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	2500	2330	2022	2256	1949	2000
Cottonseed	-	-	4	9	26	40	17	04
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-	1	1	-	1	1	-
Total	-	-	2505	2340	2048	2297	1967	2004



CANADA

TABLE - G : EXPORTS OF OILCAKES & MEAL

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	1979	2189	2080	2320	1922	1552
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	115	112	137	211	138	73
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-	5	10	11	34	25	-
Total	-	-	2099	2311	2228	2565	2085	1625

TABLE - H : NET AVAILABILITY OF OILCAKE & MEAL AND  
NET AVAILABILITY OF FISHMEAL

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	205	192	247	210	233	275	253	297
Soyabean	3869	3250	4349	3913	4958	4550	4799	5239
Cottonseed	-	-	4	9	26	40	17	4
Sunflowerseed	88	41	13	68	61	47	31	35
Rape/Mustard	738	721	-	268	1196	1488	1478	1457
Linseed	1307	78	620	1448	767	1926	161	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	6207	4282	5233	5916	7241	8326	6739	7032

Source : Derived from Tables E, F & G.



CANADA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKE AND MEAL (INCLUDING FISHMEAL)

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	107	100	128	109	121	143	131	154
Soyabean	1780	1495	2000	1800	2281	2093	2207	2410
Cottonseed	-	-	-	-	1	16	17	-
Sunflowerseed	32	15	15	25	22	17	11	12
Rape/Mustard	266	259	-	96	435	535	532	524
Linseed	470	3	223	521	276	693	5	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Fishmeal	163	386	292	300	157	328	395	399
Total	2818	2258	2648	2851	3293	3825	3289	3499

Source : Derived from Table H. Raw Protein % are taken from ISTA OILWORLD, Semi-Annual, May 1967.  
COMMONWEALTH ECONOMIC COMMITTEE  
(1) Vegetable Oils and Oilseeds : A review op.cit.  
(2) Commonwealth Secretariate Tropical Products, Quarterly op.cit.  
(3) ISTA, Mielke & Co. Hamburg: (a) Oilworld, Semi-Annual;  
(b) Oilworld, Quarterly  
(c) Oilworld, Weekly  
(4) United States, Department of Agriculture Publications.

CANADA

TABLE - J : CATTLE AND HOGS ON FARMS, PRODUCTION  
OF EGGS AND POULTRY MEAT 1960-1966

	1960	1961	1962	1963	1964	1965	1966
Cattle on Farms (million)	11.3	11.9	12.1	12.3	12.8	13.0	12.9
Hogs on Farms (million)	5.1	5.3	5.0	5.2	5.6	5.1	5.4
Egg - Production (million Dzs.)	436.0	430.0	434.0	418.0	438.0	433.0	413.0
Poultry Meat Production (million lbs)	472.4	567.2	566.0	616.2	665.3	707.6	789.1

Source : Commonwealth Economic Committee, Meat: Dairy Produce



CANADA

TABLE - K : HIGH PROTEIN CONSUMING ANIMAL UNITS, 1960-1966

		1960	1961	1962	1963	1964	1965	1966
Cattle	(Million)	5.6	5.9	6.0	6.1	6.4	6.5	6.4
Hogs	(Million)	2.5	2.6	2.5	2.6	2.8	2.5	2.7
Eggs	(Million)	3.1	3.1	3.1	3.0	3.1	3.1	3.0
Poultry Meat	(Million)	2.1	2.5	2.5	2.7	3.0	3.1	3.5
Total	(Million)	13.3	14.1	14.1	14.4	15.3	15.2	15.6

Source : Annexure Table I. (See note on methodology for converting livestock into high protein consuming animal units in Chapter I, Volume II)

CANADA

TABLE - L : APPARENT CONSUMPTION OF OILCAKE  
PROTEIN PER UNIT, 1960 - 1966

	1960	1961	1962	1963	1964	1965	1966
Protein Consumption (000 tonnes)	281.5	228.2	252.2	284.9	329.0	381.2	379.1
Protein Consumption (Million lbs.)	619.3	502.0	554.8	626.8	723.8	838.6	834.0
Protein Consuming Units (Million)	13.3	14.1	14.1	14.4	15.3	15.2	15.6
Consumption per Unit (lbs.)	46	36	39	44	47	55	53
Oilcake Consumption per Unit (lbs.) <u>./</u>	104	81	89	100	107	125	120

Source : 1) Canada : Supply-Distribution Table I

./: In terms of 44% Protein content



SUPPLY-DISTRIBUTION

28. U.S.A.





U.S.A.

TABLE - A : PRODUCTION OF OILSEED

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
(U)								
Groundnut	8087	7904	8209	9174	9997	10770	10932	11420*
Soyabean	151120	184942	132118	190317	191018	230124	253502	268112
Cottonseed	53391	54224	55687	56175	56469	55434	35926	29728
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	10	10	10	10	10	10 <sup>c</sup>	10 <sup>c</sup>	10 <sup>c</sup>
Linseed	7722	5629	3139	7915	6193	3992	6066	5161
Sesamum	20	10	10	10	10 <sup>c</sup>	10 <sup>c</sup>	10 <sup>c</sup>	10 <sup>c</sup>
Copra	-	-	-	-	-	-	-	-
Total	220350	252719	254223	263601	263702	305390	306446	314441
Castorseed	10	20	91	20	27✓	25✓	22✓	22 <sup>c</sup>

(U) Unshelled

\* ISTA OILWORLD (Hamburg)

c Assumed Constant

✓ Foreign Agriculture Circular - U.S. Department of Agriculture:

1) FFO, 9-67 October 1967 (2) FFO, 6-68 April 1968

3) FFO, 4-68 March 1968.

U.S.A.

TABLE - B : IMPORTS OF OILSEEDS

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut (S)	-	10	-	10	10	10 <sup>c</sup>	10 <sup>c</sup>	10
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	41	51	91	71	30	22*	71*	45
Rape/Mustard	-	10	10	10	10✓	10✓	05✓	5
Linseed	-	-	-	-	-	-	-	-
Sesamum	81	102	91	112	112	116*	123*	150
Copra	3536	3475	3241	2367	2479	2739	2433	2766
Others	-	-	-	-	-	-	-	-
Total	3650	3648	3433	2468	2531	2947	2547	2976
Castorseed	10	20	91	20	2✓	5✓	9✓	-

c Assumed Constant (S) Shelled \* ISTA OILWORLD (Hamburg)

✓ Foreign Agriculture Circular - U.S. Department of Agriculture:

1) FFO, 9-67 October 1967 (2) FFO, 6-68 April 1968

3) FFO, 4-68 March 1968

( ) Estimated.



U.S.A.

TABLE - C : EXPORTS OF OILSEEDS

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut (S)	254	193	81	173	396	730	600	770
Soyabean	40305	36342	43779	47549	57013	61970	66890	71140
Cottonseed	71	61	91	51	81	51	91	40
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	1057	1148	1006	864	1768	1000	1700	1530
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Total	41687	37744	44957	43637	59263	63301	69281	73480

U.S.A.

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	5407	5349	5665	6259	6612	6769	7062	7234
Soyabean	110815	148600	138339	142768	134000	168154	186612	196972
Cottonseed	53320	54163	55596	56124	56388	55433	35835	29688
Sunflowerseed	41	51	91	71	30	22	71	45
Rape/Mustard	10	20	20	20	20	20	15	15
Linseed	6665	4431	7183	7051	4430	7992	4366	3631
Sesamum	101	112	101	122	122	126	138	160
Copra	3536	3475	3241	2367	2479	2739	2433	2766
Total	179895	216341	210236	214772	204081	241305	236532	240511

Source: Derived from Tables A, B & C.



U.S.A.

TABLE - E : OILCAKE EQUIVALENT OF OILSEED CRUSHED

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	3027	2995	3172	3505	3703	3791	3955	4051
Soyabean	87544	117394	109288	112787	105860	132342	147423	155608
Cottonseed	22394	22748	23350	23572	23725	23282	25051	12049
Sunflowerseed	27	34	61	48	21	15	48	30
Rape/Mustard	6	11	11	11	11	11	8	8
Linseed	4266	2863	4597	4513	2835	5115	2794	2324
Sesamum	53	53	53	63	63	66	72	83
Copra	1238	1216	1134	829	868	976	852	968
Total	118556	147324	141666	145328	137086	166098	170203	175121

Source: Derived from Table D.

U.S.A.

TABLE - F : IMPORTS OF OILCAKE & MEAL

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	238	553	532	330	199	247	454	536
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	11	23	13	5	8	6	5	1
Sesamum	-	-	-	-	-	-	-	-
Copra	74	176	-	-	-	-	-	-
Others	3	15	147	89	202	150	51	55
Total	276	777	632	474	409	403	510	592

Source: See Table I. below.

U.S.A.

TABLE - G : EXPORTS OF OILCAKES & MEAL

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	5262	6144	10598	13510	15733	19683	22712	24650
Cottonseed	711	166	568	645	319	1279	378	33
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	372	179	446	321	529	371	1160	375
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	124	15	36	70	84	231	237	341
Total	6469	6504	11650	14540	17170	22069	24537	25899



U.S.A.

TABLE - H : NET AVAILABILITY OF OILCAKES & MEAL  
AND NET AVAILABILITY OF FISH MEAL

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	3028	2995	3172	3505	3703	3791	3955	4051
Soyabean	32232	111250	98690	99277	90122	113154	124711	130953
Cottonseed	21991	23140	23314	23307	23105	22250	15127	12552
Sunflowerseed	27	34	61	48	21	15	43	30
Rape/Mustard	6	11	11	11	11	11	8	3
Linseed	3905	2717	4164	4197	2314	4250	1639	1450
Sesamum	53	53	53	63	63	66	72	83
Copra	1164	1040	1134	329	368	976	352	968
Total	112436	141245	130599	131237	120207	144513	146412	150100

Source: Derived from Tables E, F & G.

U.S.A.

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEAL  
(INCLUDING FISHMEAL)

(in '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	1575	1557	1649	1323	1926	1971	2057	2107
Soyabean	37350	51175	45397	45667	41456	52051	57367	60241
Cottonseed	9008	9437	9559	9556	9473	9123	6202	5146
Sunflowerseed	10	13	23	18	8	6	18	11
Rape/Mustard	2	4	4	4	4	4	3	3
Linseed	1406	973	1499	1511	333	1530	590	522
Sesamum	21	23	21	25	25	26	29	33
Copra	256	229	249	132	191	215	187	213
Fishmeal	2733	3166	3366	4023	4003	3123	3935	5115
Total	55638	66632	61767	62314	57924	63054	70438	73391

Source: Derived from Table H. Raw Protein % are taken from ISTA OILWORLD,  
Semi-Annual \_\_\_\_\_ May 1967.

Source: COMMONWEALTH ECONOMIC COMMITTEE, (1) VEGETABLE OILS AND OILSEEDS:  
A REVIEW, op. cit. (2) COMMONWEALTH SECRETARIATE TROPICAL PRODUCTS  
QUARTERLY, op. cit. (3) ISTA, MIELKE & CO. HAMBURG  
(a) OILWORLD, SEMI-ANNUAL  
(b) OILWORLD, QUARTERLY  
(c) OILWORLD, WEEKLY.

(4) United States Department of Agriculture Publications.

U.S.A.

TABLE - J : CATTLE AND HOGS ON FARMS, PRODUCTION  
OF EGGS AND POULTRY MEAT, 1960-67

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	1960	1961	1962	1963	1964	1965	1966	1967
<hr/>								
Cattle on Farms (million)	96.2	97.5	100.0	103.7	106.7	109.0	108.9	109.0
Hogs on Farms (million)	59.0	55.5	57.0	53.9	53.1	53.1	57.2	50.7
Egg Production (million dzs.)	5342.0	5328.0	5367.0	5313.0	5363.0	5474.0	5537.0	5314.0
Poultry Meat (million lbs.)	6341.0	7133.0	7127.0	7403.0	7678.0	8170.0	8931.0	9418.0

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Source: Official Statistics, U.S. Department of Agriculture.



U.S.A.

TABLE - K : HIGH PROTEIN CONSUMING ANIMAL UNITS  
1960-67

	1960	1961	1962	1963	1964	1965	1966	1967	<sup>1/</sup> Projection 1975 Low High	
Cattle (million)	48.5	49.6	52.1	52.2	52.0	52.3	53.0	52.6	65.5	66.8
Hogs (millions)	27.4	27.9	28.6	27.3	25.4	24.6	26.3	26.0	28.1	28.1
Poultry (million)	65.0	64.7	65.1	66.3	69.4	73.0	77.7	77.2	89.7	91.1
Other (million)	2.0	1.9	1.8	1.7	1.5	1.5	1.4	1.4	1.4	1.4
Total (million)	142.9	144.1	147.6	148.5	148.3	151.4	158.4	157.2	184.7	187.4

Source: Official Statistics, U.S. Department of Agriculture.

<sup>1/</sup> Preliminary.

U.S.A.  
TABLE - L : CONSUMPTION OF OILCAKE PROTEIN PER ANIMAL UNIT, 1960-67

	1960	1961	1962	1963	1964	1965	1966	1967	Projection 1975 Low High
Protein consumption ('000 tonnes)	6188.0	6467.0	6627.0	6587.0	6587.0	6946.0	6986.0	6986.0	
Protein consumption (million lbs)	13642.1	14257.1	14609.9	14521.7	14521.7	15313.1	15401.3	15577.7	
Protein consumption unit (million)	142.9	144.1	147.6	148.5	148.3	151.4	158.4	157.2	
Consumption per unit (lbs.)	96	99	99	98	98	101	97	99	
Oilcake consumption per unit (lbs.)	218	225	225	222	222	230	221	225	

Source: Annexure Table K, Official Statistics, U.S. Department of Agriculture.

✓ In terms of 44% protein content.

SUPPLY-DISTRIBUTION

29. LATIN AMERICA





LATIN AMERICA

TABLE - A : PRODUCTION OF OILSEEDS

(900 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>u</u> /	9398	11745	10058	8807	12050	12888	12106
Soyabean	2773	3769	3648	3820	5487	6330	10192
Cottonseed	18215	19965	20177	20229	21009	22673	20037
Sunflowerseed	5852	8595	4623	4602	7569	7823	11196
Rape/Mustard	81	71	81	112	91	71	71
Linseed	6075	8605	8971	8077	8738	6336	6278
Sesamum	1290	1463	1554	1697	1605	1801	1550
Palm Kernel	224	224	224	244	254	250	260
Copra	1798	1991	2042	2052	2073	1697	1885
Total	45706	56428	51378	49640	58876	59669	63575
Castorseed	2316	2144	2306	2449	3130	3546	2337

LATIN AMERICA

TABLE - B : IMPORTS OF OILSEEDS

( '00 tonnes )

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	-	-	-	-	-	-	-
Soyabean	-	-	20	10	20	20	20
Cottonseed	31	10	20	10	10	10	7
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	31	10	40	20	30	30	27



LATIN AMERICA

TABLE - C : EXPORTS OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	61	82	295	193	31	251	219
Soyabean	-	732	1016	355	20	773	1232
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	630	1027	71	447	-	61	9
Sesamum	-	10	50	234	20	4	25
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	224	71	-	-
Total	691	1851	1432	1453	142	1089	1485
Castorseed	20	30	41	10	-	-	-

LATIN AMERICA

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	6517	8139	6745	5971	8404	8770	8255
Soyabean	2773	3037	2652	3475	5487	5577	8900
Cottonseed	18246	19975	20197	20239	21019	22683	20044
Sunflowerseed	5852	8595	4623	4602	7569	7823	11196
Rape/Mustard	81	71	81	112	91	71	71
Linseed	5445	7578	8900	7630	8738	6275	6269
Sesamum	1290	1453	1504	1463	1585	1797	1525
Palm Kernel	224	224	224	244	254	250	260
Copra	1798	1991	2042	1828	2002	1697	1885
Total	42226	51063	46968	45564	55149	54943	58485
Castorseed	2296	2114	2265	2430	3130	3546	2337

Source : Derived from Tables - A, B & C.

LATIN AMERICA

TABLE - E : OILCAKE EQUIVALENT OF OILSEED CRUSHED

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	3649	4557	3777	3343	4706	4911	4622
Soyabean	2130	2399	2095	2745	4334	4405	7094
Cottonseed	7663	8389	3482	8500	8827	9526	8418
Sunflowerseed	3920	5758	3097	3083	5071	5241	7501
Rape/Mustard	44	39	44	61	50	39	39
Linseed	3484	4849	5696	4883	5592	4016	4012
Sesamum	670	755	782	760	824	934	793
Palm Kernel	116	116	116	126	132	130	135
Copra	629	696	714	639	700	593	659
Total	22365	27558	24803	24140	30236	29795	33273

Source : Derived from Table - D.



LATIN AMERICA

TABLE - F : IMPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

LATIN AMERICA

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	1491	2204	2432	2226	1497	2535	3352
Soyabean	-	350	491	620	438	1051	1830
Cottonseed	1544	2009	1889	1680	1993	1737	1568
Sunflowerseed	2179	2486	2554	2173	1813	2758	3716
Rape/Mustard	27	33	18	29	37	32	12
Linseed	3952	3870	5142	5017	4863	5622	3261
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	200	163	333	352	450
Copra	-	-	-	-	-	-	-
Others	577	257	46	84	119	102	161
Total	9770	11209	12772	11992	11093	14189	14350

LATIN AMERICA

TABLE - H : NET AVAILABILITY OF OILCAKES AND MEALS  
AND AVAILABILITY OF FISHMEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	2158	2353	1345	1117	3209	2376	1270
Soyabean	2190	2049	1604	2125	3896	3354	5264
Cottonseed	6119	6380	6593	6820	6834	7789	6850
Sunflowerseed	1741	3272	543	910	3258	2483	3785
Rape/Mustard	17	6	26	32	13	7	27
Linseed	-468	979	554	-134	729	-1606	751
Sesamum	670	755	782	760	824	934	793
Palm Kernel	116	116	-84	-37	-201	-222	-315
Copra	629	696	714	639	700	593	659
Others	-577	-257	-46	-84	-119	-102	-161
Total	12595	16349	12031	12148	19143	15606	18923
Fishmeal	162	124	200	279	347	320	494

Source : Derived from Tables - E, F & G.



LATIN AMERICA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKE & MEALS  
(INCLUDING FISHMEAL)

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	1122	1223	699	580	1668	1235	660
Soyabean	1007	942	737	977	1792	1542	2421
Cottonseed	2508	2615	2703	2796	2801	3193	2808
Sunflowerseed	644	1210	200	336	1205	918	1400
Rape/Mustard	6	2	9	11	4	2	9
Linseed	-168	352	199	-48	262	-578	270
Sesamum	268	302	312	304	329	373	317
Palm Kernel	20	20	-15	-6	-36	-39	-56
Copra	138	153	157	140	154	130	144
Fishmeal	105	81	130	181	226	208	321
Others	-213	-95	-17	-31	-44	-37	-59
Total	5437	6305	5114	5240	3461	6947	8235

Source : SS - DD Table Mexico, Argentina & Brazil.



SUPPLY-DISTRIBUTION

30. ARGENTINA





ARGENTINA

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u/</u>	2662	4328	3119	3331	4389	4105	3536	4500
Soyabean	10	112	193	142	102	-	-	-
Cottonseed	2296	2002	2570	1971	2670	2130	1800	-
Sunflowerseed	5852	8595	4623	4602	7569	7823	11196	10000
Rape/Mustard	10	10	10	41	20	-	-	-
Linseed	5618	8179	8382	7711	8148	5700	5781	4300
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	16448	23226	18897	17798	22898	19758	22313	18800
Castorseed	71	61	61	51	41	-	-	-

ARGENTINA

TABLE - B : IMPORTS OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-



ARGENTINA

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	51	20	20 <sup>c</sup>	20 <sup>c</sup>	20 <sup>c</sup>	20 <sup>c</sup>
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	630	986	-	203	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	630	986	51	223	20	20	20	20
Castorseed	20	30	41	10	-	-	-	-

ARGENTINA

TABLE - F : IMPORTS OF OILCAKES& MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

ARGENTINA

TABLE - G : EXPORTS OF OILCAKES & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	953	1075	1595	1148	1217	1317	1807	1172
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	653	636	880	609	786	883	742	730
Sunflowerseed	2179	2486	2554	2173	1813	2758	3716	3943
Rape/Mustard	27	33	18	29	37	32	12	-
Linseed	3952	3839	5120	4904	4831	5553	3141	3448
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	20	-	10	-	10	9	11	1
Total	7784	8069	10177	8863	8694	10552	9429	9294



ARGENTINA

TABLE - H: NET AVAILABILITY OF OILCAKES & MEALS AND  
NET AVAILABILITY OF FISHMEAL

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	90	621	-373	157	503	291	-421	592
Soyabean	7	88	112	96	64	-15	-15	-15
Cottonseed	311	204	199	218	335	11	14	-730
Sunflowerseed	1741	3272	543	910	3258	2483	3785	2757
Rape/Mustard	-22	-28	-13	-7	-26	-32	-12	-
Linseed	-760	764	244	-99	383	-1950	558	-696
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-20	-	-10	-	-10	-9	-11	-1
Total	1347	4921	702	1275	4507	824	3898	1907

Source : Derived from Tables E, F & G.

ARGENTINA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	46	322	-193	81	261	151	-218	307
Soyabean	3	40	51	44	29	-6	-6	-6
Cottonseed	127	83	81	89	137	4	5	-299
Sunflowerseed	644	1210	200	336	1205	918	1400	1020
Rape/Mustard	-7	-10	-4	-2	-9	-11	-4	-
Linseed	-273	275	87	-35	137	-685	200	-250
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-7	-	-3	-	-3	-3	-4	-
Total	533	1920	219	513	1757	368	1373	772

Source : Derived from Table - H.





SUPPLY-DISTRIBUTION

31. BRAZIL



BRAZIL

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut u/	5842	6482	6035	4541	6706	7823	7620
Soyabean	2712	3454	3231	3048	4572	5690	8992
Cottonseed	8035	10302	9276	9693	8646	10292	8128
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	305	274	437	203	427	422 <sup>+</sup>	365 <sup>+</sup>
Sesamum	-	-	-	-	-	-	-
Palm Kernal	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	16894	20512	18979	17485	20351	24227	25105
Castorseed	2245	2083	2245	2398	3099	3546	2337

+ Foreign Agriculture Circular - U.S. Department of Agriculture

- 1) FFO, 9-67 October 1967
- 2) FFO, 6-68 April 1968
- 3) FFO, 4-68 March 1968



BRAZIL

TABLE - B : IMPORTS OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
lalm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

BRAZIL

TABLE - C : EXPORTS OF CILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	-	41	224	142	1*	184*	138*	155*
Soyabean	-	732	965	335	-	753*	1212*	3047*
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	41	71	244	-	61+	9+	-
Sesamum	-	10	30	10	-	-	-	-
Palm Kernal	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	824	1290	731	1	998	1359	3202

\* ISTA Cilworld, Hamburg

+ Foreign Agriculture Circular - U.S. Department of Agriculture :

- 1) FFO, 9-67 October 1967
- 2) FFC, 6-68 April 1968
- 3) FFC, 4-68 March 1968

BRAZIL

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	4089	4996	4000	3036	4693	5292	5196	-155
Soyabean	2712	2722	2266	2713	4572	4937	7780	-3047
Cottonseed	8035	10302	9276	9693	8646	10292	8128	
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	305	233	366	-41	427	361	356	
Sesamum	-	-10	-30	-10	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	15141	17743	15878	15391	18338	20882	21460	-3202
Castorseed	2245	2083	2245	2398	3099	3546	2337	-

Source : Derived from Table : A, B, & C



BRAZIL

TABLE - E : OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	2289	2517	2240	1700	2628	2963	2909	-86
Soyabean	2142	2150	1790	2143	3611	3900	6146	-2407
Cottonseed	3374	4326	3895	4071	3631	4322	3413	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	195	149	234	-26	273	231	227	-
Sesamum	-	-5	-15	-5	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	8000	9137	8144	7883	10143	11416	12695	2493

Source : Derived from Table - D.

BRAZIL

TABLE - F : IMPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

BRAZIL

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	538	1129	837	1078	260	1218	1545	1480
Soyabean	-	350	491	620	438	1051	1830	1225
Cottonseed	304	330	45	334	256	9	180	260
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	31	22	113	32	69	120	70
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	200	163	333	352	450	300
Others	537	245	15	80	108	93	150	120
Total	1379	2085	1610	2388	1427	2792	4275	3455

BRAZIL

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	1751	1388	1403	622	2368	1745	1364	-1566
Soyabean	2142	1800	1299	1523	3173	2849	4316	-3632
Cottonseed	3070	3996	3850	3737	3375	4313	3233	- 260
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	195	118	212	- 139	241	162	107	- 70
Sesamum	-	-5	-15	-5	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-200	- 163	-333	-352	-450	- 300
Others	-537	-245	-15	-80	-108	-93	-150	- 120
Total	6621	7052	6534	5495	8716	8624	8420	5948

Source : Derived from Table - E, F & G.



BRAZIL

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	910	721	729	323	1231	907	709	-814
Soyabean	985	828	597	700	1459	1310	1985	-1670
Cottonseed	1258	1638	1578	1532	1383	1768	1325	-106
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	70	42	76	-50	86	58	38	-25
Sesamum	-	-2	-6	-2	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-44	-35	-73	-77	-99	-66
Others	-198	-90	-5	-29	-39	-34	-55	-44
Total	3025	3137	2925	2439	4047	3932	3903	-2725

Source : Derived from Table H.



SUPPLY-DISTRIBUTION

32. MEXICO





MEXICO

TABLE - A : PRODUCTION OF OILSEEDS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u/</u>	894	935	904	935	955	960*	950*	1000*
Soyabean	51	203	224	630	813	640*	1200*	1250*
Cottonseed	7884	7661	8331	8565	9693	10251	10109	9900*
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	71	61	71	71	71	71 <sup>c</sup>	71 <sup>c</sup>	-
Linseed	152	152	152	163	163	214 <sup>+</sup>	132 <sup>+</sup>	-
Sesamum	1290	1463	1554	1697	1605	1801 <sup>+</sup>	1550 <sup>+</sup>	-
Palm Kernel	224	224	224	244	254	250*	260*	270*
Copra	1798	1991	2042	2052	2073	1697	1885	-
Total	12364	12690	13502	14357	15627	15884	16157	12420

\* ISTA Oilworld quaterly

+ Foreign Agriculture Circular: U.S. Department of Agriculture

1) FFO, 9-67 October 1967

2) FFO, 6-68 April 1968

3) FFO, 4-68 March 1968

MEXICO

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	20	10	20	20 <sup>c</sup>	20 <sup>c</sup>
Cottonseed	31	10	20	10	10	10 <sup>+</sup>	7 <sup>+</sup>
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	31	10	40	20	30	30	27

+ Foreign Agriculture Circular - U.S. Department of Agriculture

1) FFC, 9-67 October 1967

2) FFC, 6-68 April 1968

3) FFC, 4-68 March 1968

MEXICO

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	61	41	71	51	30	67 <sup>+</sup>	81 <sup>+</sup>
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	20	224	20	4 <sup>+</sup>	25 <sup>+</sup>
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	224	71	-	-
Total	61	41	91	499	121	71	106

+ Foreign Agriculture Circular : U.S. Department of Agriculture.

- 1) FFO, 9-67 October 1967
- 2) FFO, 6-68 April 1968
- 3) FFO, 4-68 March 1968

MEXICO

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	564	613	561	603	638	605	584	700
Soyabean	51	203	244	640	833	660	1220	1250
Cottonseed	7915	7671	8351	8575	9703	10261	10116	9900
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	71	61	71	71	71	71	71	-
Linseed	152	152	152	163	163	214	132	-
Sesamum	1290	1463	1534	1473	1585	1797	1525	-
Palm Kernel	224	224	224	244	254	250	260	270
Copra	1798	1991	2042	1828	2002	1697	1885	-
Total	12065	12378	13179	13597	15249	15555	15793	12120

Source : Derived from Tables - A, B & C.



MEXICO

TABLE - E : OILCAKE EQUIVALENT OF OILSEED CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	315	343	314	337	357	338	327	392
Soyabean	40	160	192	505	658	521	963	987
Cottonseed	3324	3221	3507	3601	4075	4309	4248	4158
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	39	33	39	39	39	39	39	-
Linseed	97	97	97	104	104	136	84	-
Sesamum	670	760	797	765	824	934	793	-
Palm Kernel	116	116	116	126	132	130	135	140
Copra	629	696	714	639	700	593	659	-
Total	5230	5426	5776	6116	6889	7000	7248	5677

Source : Derived from Table - D.

MEXICO

TABLE - F : IMPORTS OF OILCAKES & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

MEXICO

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	587	1043	964	737	951	845	646	600
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	10	12	21	4	1	-	-	-
Total	597	1055	985	741	952	845	646	600

MEXICO

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS AND  
NET AVAILABILITY OF FISHMEAL

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	315	343	314	337	357	338	327	392
Soyabean	40	160	192	505	658	521	963	987
Cottonseed	2737	2178	2543	2864	3124	3464	3602	3558
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	39	33	39	39	39	39	39	-
Linseed	97	97	97	104	104	136	84	-
Sesamum	670	760	797	765	824	934	793	-
Palm Kernel	116	116	116	126	132	130	135	140
Copra	629	696	714	639	700	593	659	-
Others	-10	-12	-21	-4	-1	-	-	-
Total	4633	4371	4791	5375	5937	6155	6602	5077
Fish Meal	162	124	200	279	347	320	494	-

Source : Derived from Table - E, F & G.



MEXICO

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS  
( INCLUDING FISHMEAL )

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	163	178	163	175	185	175	170	203
Soyabean	18	78	88	232	302	239	442	454
Cottonseed	1122	892	1042	1174	1280	1420	1476	1458
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	14	11	14	14	14	14	14	-
Linseed	34	34	34	37	37	48	30	-
Sesamam	268	304	318	306	329	373	317	-
Palm Kernel	20	20	20	22	23	23	24	25
Copra	138	153	157	140	154	130	144	-
Fishmeal	105	81	130	181	226	208	321	-
Others	-3	-4	-7	-1	-	-	-	-
Total	1879	1742	1959	2280	2550	2630	2938	2140

Source : Derived from Table - H : Raw Protein percentage are taken from  
ISTA Oilworld Semi Annual, May 1967.



SUPPLY-DISTRIBUTION

33. ASIA





ASIA

TABLE - A : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>u/</u>	6025	5953	7203	6735	7132	8721	9290
Soyabean	4491	4308	4014	3577	4054	4115	3912
Cottonseed	11278	12720	14386	15524	16174	16582	17096
Sunflowerseed	1300	1036	671	945	1717	1666	2073
Rape/Mustard	3149	3150	3668	3069	3139	2845	3129
Linseed	285	305	345	335	325	289	303
Sesamum	1443	1616	1665	1310	1412	1260	1330
Palm Kernel	325	345	325	325	345	335	340
Copra	19363	18470	17330	19684	18904	21393	19003
Total	47664	47903	50107	51504	53202	57206	56476
Castorseed	81	81	91	81	81	61	61

Source : Supply - Distribution Tables - Burma, Indonesia, Phillippines, Pakistan, Turkey, Syria

u/ Unshelled

ASIA

TABLE - B : IMPORT OF OILSEEDS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	518	-	-	-
Soyabean	10	20	-	51	61	56	56
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	111	204	180
Linseed	-	-	-	-	-	-	-
Sesamum	20	30	30	40	40	15	27
Palm Kernel	-	-	-	-	-	-	-
Copra	31	151	91	50	61	10	10
Total	111	151	121	659	273	285	273

ASIA

TABLE - C : EXPORT OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	101	81	81	51	40	51	47
Soyabean	41	30	40	30	30	12	54
Cottonseed	386	488	569	539	325	577	190
Sunflowerseed	71	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	91	10	-	-	20	7	-
Sesamum	14	28	22	21	25	23	18
Palm Kernel	335	325	315	<b>315</b>	<b>305</b>	<b>329</b>	315
Copra	11943	11664	9469	10506	9335	10033	10331
Total	12987	12626	10496	11512	10530	11032	11455
Castorseed	41	-	-	20	20	-	-

ASIA

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	4116	4036	4961	5181	4952	6053	6456
Soyabean	4460	4298	3974	3598	4035	4159	3914
Cottonseed	10892	12232	13817	14935	15349	16005	16906
Sunflowerseed	1229	1036	671	945	1717	1666	2073
Rape/Mustard	3149	3150	3668	3069	3250	3049	3309
Linseed	194	295	345	335	305	232	303
Sesamum	1449	1618	1673	1829	1427	1252	1339
Palm Kernel	-10	20	10	10	40	6	25
Copra	7501	6907	3452	9223	9130	11370	3132
Total	32930	33642	37571	38630	40755	43842	42507
Castorseed	40	31	91	61	61	61	61



ASIA

TABLE - E : OILCAKE EQUIVALENT OF OILSEED CRUSHED

	( '00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	2304	2288	2773	2901	2773	3389	3615
Soyabean	3523	3395	3139	2842	3227	3285	3092
Cottonseed	4574	5137	5803	6272	6656	6722	7100
Sunflowerseed	823	694	449	633	1150	1116	1388
Rape/Mustard	1731	1732	2017	1687	1787	1676	1819
Linseed	124	133	220	214	195	180	193
Sesamum	752	840	869	690	740	650	696
Palm Kernel	-5	10	5	5	20	3	13
Copra	2625	2417	2953	3229	3195	3979	2863
Total	16451	16701	18233	18473	19743	21000	20779

ASIA

TABLE - F : IMPORT OF OILCAKES

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	5	16	1	44	18	167	143	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Pala Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	5	16	1	44	18	167	143	-

ASIA

TABLE - G : EXPORT OF OILCAKE

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	1163	1423	1568	1643	941	419	493
Soyabean	-	-	-	-	-	-	-
Cottonseed	1096	1066	1472	1572	1683	1392	2031
Sunflowerseed	514	634	900	997	1310	1839	2034
Rape/Mustard	257	137	232	205	160	170	193
Linseed	-	-	-	-	-	-	-
Sesamum	115	193	245	250	44	142	100
Palm Kernel	-	-	-	-	-	-	-
Copra	1373	2380	1925	2519	3512	3107	3232
Others	381	1127	1302	1196	970	1003	575
Total	5904	7010	7644	3337	8620	3572	3703

ASIA

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	1136	365	1210	1253	1832	2970	3122
Soyabean	3523	3411	3140	2836	3245	3452	3235
Cottonseed	3473	4071	4331	4700	4973	4830	5019
Sunflowerseed	309	10	-451	-364	-160	-723	-646
Rape/Mustard	1474	1595	1735	1482	1627	1506	1626
Linseed	124	133	220	214	195	180	193
Sesamum	637	647	624	440	696	503	596
Palm Kernel	-5	10	5	5	20	3	13
Copra	752	37	1003	710	-317	372	-369
Others	-381	-1127	-1302	-1196	-970	-1003	-575
Total	10552	9707	10595	10130	11141	12595	12214



ASIA

TABLE - I : RAW PROTEIN CONTENT OF NET AVAILABILITY  
OF CAKES

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	590	449	629	651	952	1544	1623
Soyabean	1622	1569	1444	1327	1492	1537	1433
Cottonseed	1425	1669	1775	1927	2038	1980	2057
Sunflowerseed	114	3	-166	-134	-59	-267	-239
Rape/Mustard	530	574	642	533	585	542	585
Linseed	44	67	79	77	70	64	69
Sesamum	255	259	250	176	278	203	233
Palm Kernel	-	1	-	-	3	-	2
Copra	165	8	227	156	-69	191	-31
Others	-325	-416	-431	-442	-358	-371	-212
Total	4420	4183	4399	4271	4932	5473	5530

Source : Supply-Distribution Tables, Burma, Indonesia, Phillippines,  
Pakistan, Turkey, Syria.



SUPPLY-DISTRIBUTION

34. BURMA





BURMA

TABLE - A : PRODUCTION OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>u/</u>	3719	3932	4298	3272	3759	2875	4094
Soyabean	-	-	-	-	-	-	-
Cottonseed	305	386	366	345	406	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	650	762	853	528	711	600 <sup>+</sup>	610 <sup>+</sup>
Copra	-	-	-	-	-	-	-
Total	4674	5080	5517	4145	4876	3475	4704

+ Foreign Agriculture Circular : U.S.Department of Agriculture.

BURMA

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	-	-	-	-	518	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	41	51	41	10	-	-	-
Total	41	51	41	10	518	-	-

BURMA

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

BU RMA

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	2603	2752	3009	2290	3149	2012	2865
Soyabean	-	-	-	-	-	-	-
Cottonseed	305	386	366	345	406	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	650	762	853	528	711	600	610
Copra	41	51	41	10	-	-	-
Total	3599	3951	4269	3173	4266	2612	347

Source : Derived from Table - A, B & C.



BURMA

TABLE - E: OILCAKE EQUIVALENT OF OILSEED CRUSHED

	(100 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	1457	1541	1684	1282	1763	1126	1604
Soyabean	-	-	-	-	-	-	-
Cottonseed	128	162	153	144	170	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	338	396	443	274	369	312	317
Copra	14	17	14	3	-	-	-
Total	1937	2116	2294	1703	2302	1438	1921

Source: Derived from Table - D.

BURMA

TABLE - F : IMPORTS OF OILCAKE & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

BU RMA

TABLE - G: EXPORTS OF OILCAKES & MEALS

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	1168	1399	1539	1630	931	389	400	450
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	102	108	149	105	96	85	50	50
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	115	193	245	250	44	142	100	90
Copra	14	23	14	10	3	-	-	-
Others	288	570	727	806	886	856	480	550
Total	1687	2293	2674	2801	1960	1472	1030	1140

BURMA

TABLE - H: NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	298	142	145	-348	832	737	1204	-450
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	26	54	4	39	74	-85	-50	-50
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	223	203	198	24	325	170	217	-90
Copra	-	-6	-	-7	-3	-	-	-
Others	-288	-570	-727	-806	-886	-856	-480	-550
Total	250	-177	-380	-1098	342	-34	891	-114

Source: Derived from Table - E, F & G.



BU RMA

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	150	73	75	-180	432	383	626	-234
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	10	22	1	15	30	-34	-20	-20
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	89	81	79	9	130	68	86	-36
Copra	-	-1	-	-1	-	-	-	-
Others	-106	-210	-268	-298	-327	-316	-177	-203
Total	143	-35	-113	-455	265	101	515	-493

Source: Derived from Table - H.



SUPPLY-DISTRIBUTION

35. INDIA





INDIA

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>u</u> /	48118	49936	48209	52151	61752	42306	44846
Soyabean	-	-	-	-	-	-	-
Cottonseed	19162	16043	18552	18989	17577	19934	19914
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	13472	13462	12944	9022	13746	12761	12456
Linseed	3983	4562	4633	3790	4653	3343	2743
Sesamum	3180	3719	4643	4389	4663	4750	4020
Copra	2499	2560	2581	2591	2642	2692	2692 <sup>c</sup>
Total	90414	90282	91562	90932	105033	85786	86671
Castorseed	1067	1087	1006	1026	1006	803	813

INDIA

TABLE - B : IMPORTS OF OILSEEDS

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>s/</u>	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	71	61	51	30	61	61 <sup>c</sup>	61 <sup>c</sup>
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	996	894	914	853	752	490	340
Total	1067	955	965	883	813	551	401

INDIA

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

INDIA

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING\*

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	33682	34955	33746	36505	43226	29614	31392
Soyabean	-	-	-	-	-	-	-
Cottonseed	19162	16043	18552	18989	17577	19934	19914
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	13543	13523	12995	9052	13807	12822	12517
Linseed	3983	4562	4633	3790	4653	3343	2743
Sesamum	3180	3719	4643	4389	4663	4750	4020
Copra	3495	3454	3495	3444	3394	3182	3032
Total	77045	76256	78064	76169	87320	73645	73618
Castorseed	1067	1087	1016	1026	1006	803	813

\* Methodology followed here is the same as in other countries, however, in the study in India account is taken of seeds used for direct consumption and for seed purposes. Hence the above are over-estimates.



INDIA

TABLE - E : OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	18861	19574	18897	20442	24206	16583	17579
Soyabean	-	-	-	-	-	-	-
Cottonseed	8048	6738	7791	7975	7382	8372	8363
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	7448	7437	7147	4978	7593	7052	6884
Linseed	2549	2919	2965	2425	2977	2139	1755
Sesamum	1653	1933	2414	2282	2424	2470	2090
Copra	1223	1208	1223	1205	1187	1113	1061
Total	39782	39809	40437	39307	45769	37729	37732

Source : Derived from Table - D.

INDIA

TABLE - F : IMPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

INDIA

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	3746	4361	6908	7916	8363	7352	6599
Soyabean	-	-	-	-	-	-	-
Cottonseed	141	279	267	709	801	1067	1231
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	457	117	249	189	125	10	111
Sesamum	-	-	-	-	-	-	-
Copra	121	111	138	186	257	206	193
Others	137	140	181	256	188	85	132
Total	4602	5008	7743	9256	9734	8720	8266

INDIA

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	15115	15213	11989	12526	15843	9231	10980
Soyabean	-	-	-	-	-	-	-
Cottonseed	7907	6459	7524	7266	6581	7305	7132
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	7448	7437	7147	4978	7593	7052	6884
Linseed	2092	2802	2716	2236	2852	2129	1644
Sesamum	1653	1933	2414	2282	2424	2470	2090
Copra	1102	1097	1085	1019	930	907	868
Others	-137	-140	-181	-256	-188	-85	-132
Total	35180	34801	32694	30051	36035	29009	29466

Source : Derived from Tables - E, F & G.



INDIA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	7859	7910	6234	6513	8238	4800	5709
Soyabean	-	-	-	-	-	-	-
Cottonseed	3241	2648	3084	2979	2698	2995	2924
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	2681	2677	2572	1792	2733	2538	2478
Linseed	753	1008	977	804	1026	766	591
Sesamum	661	773	965	912	969	988	836
Copra	242	241	238	224	204	199	190
Others	-50	-51	-66	-94	-69	-31	-48
Total	15387	15206	14004	13130	15799	12255	12630

Source : Derived from Table - H. Raw protein % are taken from ISTA Oilworld, Semi-annual, May 1967.

Commonwealth Economic Committee

- 1) Vegetable oils and oilseeds : A Review op. cit
- 2) Commonwealth Secretariat Tropical products, Quarterly op. cit
- 3) ISTA, Mielke & Co., Hamburg: a) Oilworld, semi-annual  
b) Oilworld, Quarterly  
c) Oilworld, Weekly
- 4) United States, Department of Agriculture, Publications.



SUPPLY-DISTRIBUTION

36. INDONESIA





INDONESIA

TABLE - A : PRODUCTION OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u/</u>	1920	1494	2286	2885	2774	5192	4572	-
Soyabean	4430	4267	3973	3526	4003	4064	3861	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	325	345	325	325	345	335	340*	-
Copra	6248	6350	5080	4674	4674	5283	5283 <sup>c</sup>	-
Total	12923	12456	11664	11410	11796	14874	14056	-
Castorseed	20	20	20	20	20	-	-	-

\* : ISIA Oilworld, Hamburg.

c : Assumed constant.

INDONESIA

TABLE - B : IMPORTS OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

INDONESIA

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes )

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	81	61	51	31	10	10 <sup>c</sup>	10 <sup>c</sup>	-
Soyabean	-	-	30	30	-	3 <sup>+</sup>	54 <sup>+</sup>	..
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	10	20	20	20	20	18 <sup>+</sup>	18 <sup>+</sup>	-
Palm Kernel	335	325	315	315	305	329*	315*	350*
Copra	1666	2347	1087	1067	1626	1234 <sup>+</sup>	1626 <sup>+</sup>	-
Others	-	-	-	-	-	-	-	-
Total	2092	2753	1503	1463	1961	1594	2023	350

c: Assumed constant

+ Foregin Agriculture Circular : U.S. Department of Agriculture

1) FFO, 6-67 October 1967

2) FFO, 6-68 April 1968

3) FFO, 4-68 March 1968

\* ISTA Oilworld (Hamburg)

## INDONESIA

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	1263	984	1549	1988	1931	3624	3190	-
Soyabean	4430	4267	3943	3496	4003	4061	3807	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-10	-20	-20	-20	-20	-18	-18	-
Palm Kernel	-10	20	10	10	40	6	25	-350
Copra	4582	4003	3993	3607	3048	4049	3657	-
Others	-	-	-	-	-	-	-	-
Total	10255	9254	9475	9081	9002	11722	10661	-350
Castorseed	20	20	20	20	20	-	-	-

Source: Derived from Table A, B &amp; C.



INDONESIA

TABLE - E : OILCAKE EQUIVALENT OF OILSEED CRUSHED

('00 tonnes )

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	707	551	867	1113	1031	2029	1786	-
Soyabean	3499	3370	3114	2761	3162	3208	3007	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-5	-10	-10	-10	-10	-9	-9	-
Palm Kernel	-5	10	5	5	20	3	13	-182
Copra	1603	1401	1397	1262	1066	1417	1279	-
Total	5799	5322	5373	5131	5319	6648	6076	-182

Source : Derived from Table - D.

INDONESIA

TABLE - F : IMPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

INDONESIA

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	1074	1566	760	927	1578	1253	1428	-
Others	3	1	1	-	-	-	-	-
Total	1077	1567	761	927	1578	1258	1428	-

INDONESIA

TABLE - H : NET AVAILABILITY OF OILCAKE & MEALS  
AND NET AVAILABILITY OF FISH MEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	707	551	867	1113	1081	2029	1786	-
Soyabean	3499	3370	3114	2761	3162	3203	3007	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-5	-10	-10	-10	-10	-9	-9	-
Palm Kernel	-5	10	5	5	20	3	13	-182
Copra	529	-165	637	335	-512	159	-149	-
Others	-3	-1	-1	-	-	-	-	-
Total	4722	3755	4612	4204	3741	5390	4643	-182

Source : Derived from Table - E, F & G.



INDONESIA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKE & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	367	286	450	578	562	1055	928	-
Soyabean	1609	1550	1432	1270	1454	1475	1383	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-2	-4	-4	-4	-4	-3	-3	-
Palm Kernel	-	1	-	-	3	-	2	-32
Copra	116	-36	140	73	-112	34	-32	-
Others	-1	-	-	-	-	-	-	-
Total	2089	1797	2018	1917	1903	2561	2278	-32

Source : Derived from Table H. Raw Protein % are taken from  
ISTA Oilworld, Semi - Annual May 1967

Source : Commonwealth Economic Committee

- 1) Vegetable oils & Oilseeds : a Review, Op. Cit.
- 2) Commonwealth Secretariat Tropical Products Quarterly  
Op. Cit.
- 3) ISTA, MIELKE & CO, Hamburg (a) Oilworld Semi-Annual  
(b) Oilworld Quarterly  
(c) Oilworld weekly
- 4) United States Department of Agriculture : Publications.



SUPPLY-DISTRIBUTION

37. PHILIPPINES





PHILIPPINES

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	13120	12120	12750	15010	14230	16110	13720
Total	13120	12120	12750	15010	14230	16110	13720

PHILIPPINES

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	10	20	-	51	61	56	56 <sup>c</sup>
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	10	20	-	51	61	56	56

PHILIPPINES

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	10282	9317	8382	9439	8209	8799*	9205*	7657*
Total	10282	9317	8382	9439	8209	8799	9205	7657

\* ISTA Oilworld.

PHILIPPINES

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	10	20	-	51	61	56	56	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	2333	2303	4363	5571	6021	7311	4515	-7657
Total	2343	2323	4363	5622	6032	7367	4571	-7657

Source : Derived from Table - A, B & C.



PHILIPPINES

TABLE - E : OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	7	15	-	40	43	44	44	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	993	981	1523	1949	2107	2558	1530	-2679
Total	1000	996	1523	1939	2155	2602	1624	-2679

Source : Derived from Table - D.

PHILIPPINES

TABLE - F : IMPORTS OF OILCAKES & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	5 <sup>+</sup>	16 <sup>+</sup>	1 <sup>+</sup>	44 <sup>+</sup>	18 <sup>+</sup>	167 <sup>+</sup>	143 <sup>+</sup>
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	5	16	1	44	18	167	143

<sup>+</sup> Foreign Agriculture Circular : U. S. Dept. of Agriculture

PHILIPPINES

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	785	791	1151	1582	1931	1849	1804	1857
Total	785	791	1151	1582	1931	1849	1804	1857

PHILIPPINES

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	12	31	1	84	66	211	187	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	203	190	377	367	176	709	-224	-4536
Total	220	221	378	451	242	920	-37	-4536

Source : Derived from Table - E, F & G.



PHILIPPINES

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

(' 00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	5	14	-	38	30	97	86	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	45	41	82	90	38	155	-49	-997
Total	50	57	83	120	70	253	86	-997

Source : Derived from Table - H, Raw Protein % are taken from ISTA Oilworld, Semi-annual, May 1967.

Source : Commonwealth Economic Committee

- 1) Vegetable oils & oilseeds: A) Review, op.cit.
- 2) Commonwealth Secretariate Tropical products Quarterly, op. cit.
- 3) ISTA, Mielke & Co. Hamburg a) Oilworld Semi-annual  
b) Oilworld Quarterly  
c) Oilworld Weekly
- 4) United States Department of Agriculture, Publications.



SUPPLY-DISTRIBUTION

38. PAKISTAN





PAKISTAN

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u/</u>	183	284	305	284	305	(294)	294	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	6076	6543	7386	8433	7610	8352	8646	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	3129	3099	3627	3018	3068	2784	3068	-
Linseed	61	122	152	152	142	139	185	-
Sesamum	315	376	345	335	315	320 <sup>*</sup>	360 <sup>*</sup>	-
Copra	-	-	-	-	-	-	-	-
Total	9764	10424	11815	12222	11440	11889	12553	-
Castorseed	61	61	71	61	61	61 <sup>c</sup>	61 <sup>c</sup>	-

( ) Estimated  
 c Assumed constant  
 \* ISTA Oilworld  
u/ Unshelled

PAKISTHAN

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	111	204*	180*	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	10	40	30	30	51	-	-	-
Total	10	40	30	30	162	204	180	-

\* ISTA Oilworld, Hamburg.

PAKISTAN

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	10	-	10	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	10	-	10	-	-	-	-
Castorseed	41	-	-	20	20	-	-	-

TABLE - D : OILSEEDS EQUIVALENT FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	128	198	213	198	213	205	205	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	6076	6533	7386	8423	7610	8352	8646	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	3129	3099	3627	3018	3179	2988	3248	-
Linseed	61	122	152	152	142	139	185	-
Sesamum	315	376	345	335	315	320	360	-
Copra	10	40	30	30	51	-	-	-
Total	9719	10368	11753	12156	11510	12004	12644	-
Castorseed	21	61	71	41	41	61	61	-

Source : Derived from Tables - A, B & C.



PAKISTAN

TABLE - E : OILCAKE EQUIVALENT OF OILSEEDS CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	71	110	119	110	119	114	114	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	2551	2743	3102	3537	3196	3507	3631	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	1720	1704	1994	1659	1748	1643	1786	-
Linseed	39	78	97	97	90	88	118	-
Sesamum	163	195	179	174	163	166	187	-
Copra	3	14	10	10	17	-	-	-
Total	4547	4844	5501	5587	5333	5518	5836	-

Source : Derived from Table D.

PAKISTAN

TABLE - F : IMPORTS OF OILCAKES & MEALS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

PAKISTAN

TABLE - G : EXPORTS OF OILCAKES & MEALS

( '00 tonnes )

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	24	29	18	10	30	93	100
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	124	29	150	168	207	170	373	380
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	257	137	232	205	160	170	193	220
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	94	55	123	120	36	101	41	45
Total	475	245	534	511	41	471	700	745

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	71	86	90	92	109	84	21	-100
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	2427	2714	2952	3369	2989	3337	3258	-380
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	1463	1567	1762	1454	1588	1473	1593	-220
Linseed	39	78	97	97	90	88	118	-
Sesamum	163	195	179	174	163	166	187	-
Copra	3	14	10	10	17	-	-	-
Others	-94	-55	-123	-120	-36	-101	-41	-45
Total	4072	4599	4967	5076	4920	5047	5136	-745

Source : Derived from Table - E, F & G.



PAKISTAN

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKE & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	36	44	46	47	56	43	10	-52
Arabean	-	-	-	-	-	-	-	-
Sunflowerseed	995	1112	1210	1381	1225	1368	1335	-155
Flowerseed	-	-	-	-	-	-	-	-
Mustard	526	564	634	523	571	530	573	-79
Seed	14	28	34	34	32	31	42	-
Amum	65	78	71	69	65	66	74	-
ra	-	3	2	2	3	-	-	-
ers	-34	-20	-45	-44	-13	-37	-15	-16
al	1602	1809	1952	2012	1939	2001	2019	-302

Source : Derived from Table H, Raw Protein % are taken from ISTA Oilworld Semi-annual, May 1967.

Commonwealth Economic Committee :

- 1) Vegetable oils and oilseeds : A Review op. cit.
- 2) Commonwealth Secretariate Tropical Products Quarterly op. cit.
- 3) ISTA Mielke & Co, Hamburg a) Oilworld Semi-annual  
b) Oilworld Quarterly  
c) Oilworld Weekly
- 4) United States, Department of Agriculture Publications.



SUPPLY-DISTRIBUTION

39. SYRIA





SYRIA

TABLE - A : PRODUCTION OF OILSEEDS

('00tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u</u> /	40	60	60	60	60	60 <sup>c</sup>	60 <sup>c</sup>	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	1839	2184	2540	2570	2875	2960 <sup>*</sup>	2340 <sup>*</sup>	1800 <sup>*</sup>
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	41	41	61	51	51	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	1920	2285	2661	2681	2986	3020	2400	1800

\* ISTA Oilworld, Hamburg.

SYRIA

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	20	30	30	40	40	15 <sup>+</sup>	27 <sup>+</sup>	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	30	10	20	10	10	10 <sup>c</sup>	10 <sup>c</sup>	-
Total	50	40	50	50	50	25	37	-

+ Foreign Agriculture Circular : U.S. Department of Agriculture.

SYRIA

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	20	20	30	20	30	41*	37*	40*
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	345	376	569	579	284	280 <sup>+</sup>	150 <sup>+</sup>	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	365	396	599	599	314	321	187	40

\* ISTA Oilworld, Hamburg

+ Foreign Agriculture Circular - U.S. Department of Agriculture.

SYRIA

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	8	22	12	22	12	1	5	-40
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	1494	1808	1971	1991	2591	2680	2190	1800
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	61	71	91	91	91	15	27	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	30	10	20	10	10	10	10	-
Total	1593	1911	2094	2114	2704	2706	2232	1760

Source : Derived from Tables - A, B & C.



SYRIA

TABLE - E : OILCAKE EQUIVALENT OF OILSEED CRUSHED

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	4	12	6	12	6	-	2	-22
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	627	759	827	836	1088	1125	919	756
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	31	36	47	47	47	7	14	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	10	3	7	3	3	3	3	-
Total	672	810	887	898	1144	1135	938	734

Source : Derived from Table - D.

SYRIA

TABLE - F : IMPORTS OF OILCAKE & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

SYRIA

TABLE - C : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	514	684	900	997	890	1279	1214	850
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	514	684	900	997	890	1279	1214	850

SYRIA

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS  
AND NET AVAILABILITY OF FISHMEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	4	12	6	12	6	-	2	-22
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	113	75	-73	-161	198	-154	-295	-94
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	31	36	47	47	47	7	14	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	10	3	7	3	3	3	3	-
Total	158	126	-13	-99	254	-144	-276	-116

Derived from Tables - E, F & G.



SYRIA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKE & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	2	6	3	6	3	-	1	-11
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	46	30	-29	-66	81	-63	-120	-38
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	12	14	18	18	18	2	5	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	2	-	1	-	-	-	-	-
Total	62	50	-7	-42	102	-61	-114	-49

Source : Derived from Table - H, Raw Protein % are taken from ISTA Oilworld,  
Semi-annual May 1967

Commonwealth Economic Committee

- 1) Vegetable Oils and Oilseeds. A Review op. cit
- 2) Commonwealth Secretariat Tropical product quarterly op. cit.
- 3) ISTA, MIELKE & Co., Hamburg
  - a) Oilworld Semi-annual
  - b) Oilworld quarterly
  - c) Oilworld weekly.
- 4) United States Department of Agriculture Publications.



SUPPLY-DISTRIBUTION

40. TURKEY





TURKEY

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u/</u>	163	183	254	234	234	300*	270*	300*
Soyabean	61	41	41	51	51	51 <sup>c</sup>	51 <sup>c</sup>	-
Cottonseed	3058	3607	4094	4176	5283	5270*	6110*	6100*
Sunflowerseed	1300	1036	671	945	1717	1666	2073	-
Rape/Mustard	20	51	41	51	71	(61)	61 <sup>c</sup>	-
Linseed	224	183	193	183	183	150 <sup>+</sup>	118 <sup>+</sup>	-
Sesamum	437	437	406	396	335	340 <sup>+</sup>	360 <sup>+</sup>	-
Copra	-	-	-	-	-	-	-	-
Total	5263	5538	5700	6036	7874	7838	9043	6400

\* ISTA Oilworld, Hamburg

+ Foreign Agriculture Circular : U.S. Department of Agriculture

() Estimated.

TURKEY

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

TURKEY

TABLE - C : EXPORTS OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	41	30	10	-	30	9 <sup>+</sup>	-	-
Cottonseed	41	102	-	-	41	297 <sup>+</sup>	40 <sup>+</sup>	-
Sunflowerseed	71	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	91	10	-	-	20	7	-	-
Sesamum	4 <sup>+</sup>	8 <sup>+</sup>	2	1	5	5	-	-
Copra	-	-	-	-	-	-	-	-
Total	248	150	12	1	96	318	40	-

+ Foreign Agriculture circular : U.S. Department of Agriculture.

TURKEY

TABLE - D: OILSEEDS AVAILABLE FOR CRUSHING

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	114	128	177	163	163	210	189	210
Soyabean	20	11	31	51	21	42	51	-
Cottonseed	3017	3505	4094	4176	5242	4973	6070	6100
Sunflowerseed	1229	1036	671	945	1717	1666	2073	-
Rape/Mustard	20	51	41	51	71	61	61	-
Linseed	133	173	193	183	163	143	118	-
Sesamum	433	429	404	395	330	335	360	-
Copra	-	-	-	-	-	-	-	-
Total	4966	5333	5611	5964	7707	7430	8922	6310

Source: Derived from Tables - A, B & C.



TURKEY

TABLE - E: OILCAKE EQUIVALENT OF OILSEED CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	63	71	99	91	91	117	105	117
Soyabean	15	8	24	40	16	33	40	-
Cottonseed	1267	1472	1719	1753	2201	2088	2549	2562
Sunflowerseed	823	694	449	633	1150	1116	1388	-
Rape/Mustard	11	28	22	28	39	33	33	-
Linseed	85	110	123	117	104	91	75	-
Sesamum	225	223	210	205	171	174	187	-
Copra	-	-	-	-	-	-	-	-
Total	2489	2606	2646	2867	3772	3652	4377	2679

Source: Derived from Table - D.

TURKEY

TABLE - F : IMPORTS OF OILCAKES AND MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

TURKEY

TABLE - G : EXPORTS OF CILCAKES & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	870	929	1173	1299	1380	1637	1658	1900
Sunflowerseed	-	-	-	-	420	560	820	1000
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	496	501	451	270	48	46	54	40
Total	1366	1430	1624	1569	1848	2243	2532	2940

TURKEY

TABLE - H: NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	63	71	99	91	91	117	105	117
Soyabean	15	8	24	40	16	33	40	-
Cottonseed	397	543	546	454	821	451	891	662
Sunflowerseed	823	694	449	633	730	556	568	-1000
Rape/Mustard	11	28	22	28	39	33	33	-
Linseed	85	110	123	117	104	91	75	-
Sesamum	225	220	210	205	171	174	187	-
Copra	-	-	-	-	-	-	-	-
Others	-496	-501	-451	-270	-48	-46	-54	-40
Total	1123	1176	1022	1298	1924	1409	1845	-261

Source: Derived from Table - E, F & G.



TURKEY

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	32	36	51	47	47	60	54	60
Soyabean	6	3	11	18	7	15	18	-
Cottonseed	162	222	223	186	336	184	365	271
Sunflowerseed	304	256	166	234	270	205	210	-370
Rape/Mustard	3	10	7	10	14	11	11	-
Linseed	30	39	44	42	37	32	27	-
Sesamum	90	89	84	82	68	69	74	-
Copra	-	-	-	-	-	-	-	-
Others	-183	-185	-166	-99	-17	-17	-19	-14
Total	444	470	420	520	762	559	740	-53

Source: Derived from Table H: Raw Protein percent are taken from ISTA Oilworld, Semi-Annual May 1967.

Commonwealth Economic Committee

1) Vegetable Oils and Oilseeds: A Review op.cit.

2) Commonwealth Secretariat Tropical products Quarterly op.cit.

3) ISTA MIELKE & Co., Hamburg a) Oilworld, Semi-annual  
b) Oilworld, Quarterly  
c) Oilworld, weekly.

4) U.S. Department of Agriculture, Publications.



SUPPLY-DISTRIBUTION

41 . AFRICA





AFRICA

TABLE - A : PRODUCTION OF OILSEEDS

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	21011	22241	24628	23338	23338	28508	27400
Soyabean	142	152	274	112	193	193	152
Cottonseed	13774	12344	14527	13302	15003	15521	13375
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	91	122	112	112	142	100	110
Sesamum	2001	2956	2091	2498	2794	2251	1886
Palm Kernel	4329	4420	3688	4247	4115	4261	2280
Copra	71	30	20	30	81	-	-
Total	41419	42265	45340	44604	45666	50834	45183

Source: SS - Distribution tables, Egypt, Sudan, Uganda, Nigeria & Senegal.

AFRICA

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	152	162	-	282	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	20	-	-	-	-	-	-
Sesamum	61	122	152	91	71	50	80
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	81	122	304	253	71	332	80

AFRICA

TABLE - C: EXPORTS OF OILSEEDS

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	6696	8605	9336	9459	9175	8981	9977
Soyabean	31	142	152	274	81	154	123
Cottonseed	1414	2002	2640	1815	1155	1370	1121
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	1036	873	1067	883	1260	929	999
Palm Kernel	4247	4176	3729	4044	4003	4222	4003
Copra	71	30	20	30	81	-	-
Others	-	-	-	-	-	-	-
Total	13495	15828	16944	16505	15755	15656	16220

AFRICA

TABLE - D: OILSEEDS AVAILABLE FOR CRUSHING

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	8010	6960	7902	7551	7159	10973	9202
Soyabean	111	10	122	-162	112	39	29
Cottonseed	12360	10342	12039	11649	13848	14433	12254
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	111	122	112	112	142	100	110
Sesamum	1026	2205	1176	1706	1605	1372	947
Palm Kernel	82	244	-41	203	112	39	-1723
Copra	-	-	-	-	-	-	-
Total	21700	19883	21310	21059	22978	26956	20819



AFRICA

TABLE - E: OILCAKE EQUIVALENT OF OILSEED CRUSHED

	( '00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	4484	3895	4422	4226	4007	6142	5151
Soyabean	87	7	96	-127	88	30	22
Cottonseed	5190	4344	5053	4891	5814	6060	5145
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	71	78	71	71	90	64	70
Sesamum	532	1145	611	885	832	712	492
Palm Kernel	42	126	-21	105	57	20	-896
Copra	-	-	-	-	-	-	-
Total	10406	9595	10232	10051	10888	13028	9984

AFRICA

TABLE - F : IMPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

AFRICA

TABLE - G: EXPORT OF OILCAKE AND MEAL

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	2175	2566	2704	2645	3646	3288	3475
Soyabean	-	-	-	-	-	-	-
Cottonseed	1314	1155	1182	1726	1723	1975	2144
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	86	60	65	60
Sesamum	129	333	173	135	223	239	252
Palm Kernel	10	9	9	13	22	40	348
Copra	-	-	-	-	6	6	4
Others	124	227	129	189	192	261	252
Total	3752	4290	4197	4794	5872	5874	6535

TABLE - H: NET AVAILABILITY OF OILCAKE & MEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	2309	1329	1718	1581	361	2854	167
Soyabean	87	7	96	-127	88	30	2
Cottonseed	3876	3189	3871	3165	4091	4085	300
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	71	78	71	-15	30	-1	10
Sesamum	403	812	438	750	609	473	240
Palm Kernel	32	117	-30	92	35	-20	-124
Copra	-	-	-	-	-6	-6	-4
Others	-124	-227	-129	-189	-192	-261	-252
Total	6654	5305	6035	5257	5016	7154	3449

Source: SS - Distribution table, Egypt, Sudan, Uganda, Nigeria & Senegal.



AFRICA

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKES  
AND MEALS

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	1201	693	894	823	189	1485	873
Soyabean	40	3	44	-58	40	13	10
Cottonseed	1589	1307	1588	1298	1678	1675	1230
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	25	28	25	-5	10	-	3
Sesamum	161	325	175	300	244	189	96
Palm Kernel	5	21	-5	16	6	-3	-233
Others	-45	-83	-47	-69	-71	-96	-93
Total	2976	2294	2674	2305	2095	3262	996

Source: SS - Distribution table, Egypt, Sudan, Uganda, Nigeria, & Senegal.



SUPPLY-DISTRIBUTION

42. EGYPT(U.A.R.)





U.A.R.

TABLE - A: PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut u/	356	254	488	447	457	500*	410*	400*
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	8981	6655	8667	8667	9225	9754	8382	9570*
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	91	122	112	112	142	100*	110*	-
Sesamum	152	102	172	253	233*	220*	110*	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	9580	7133	9439	9479	10057	10574	9012	9970

\* ISTA Oil World.

U.A.R.

TABLE - B : IMPORTS OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	152	162	-	282 <sup>+</sup>	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	20	-	-	-	-	-	-	-
Sesamum	61	122	152	91	71	50*	80*	130
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	81	122	304	253	71	332	80	130

\* ISTA Oil World (Hamburg)

+ Foreign Agriculture Circular: U.S. Department of Agriculture.

U.A.R.

TABLE - C: EXPORTS OF OILSEEDS

	( '00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	71	20	10	41	51	59 <sup>+</sup>	68 <sup>+</sup>	55*
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	20	41	20	51	2 <sup>+</sup>	1	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	71	40	51	61	102	61	69	55

\* : ISTA Oilworld (Hamburg)

+ : Foreign Agriculture Circular, - U.S.Department of Agriculture.

TABLE - D: OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	178	157	331	271	268	291	219	225
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	8981	6655	8819	8829	9225	10036	8382	9570
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	111	122	112	112	142	100	110	-
Sesamum	213	204	283	324	253	268	189	130
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	9483	7138	9545	9536	9888	10695	8900	9925

Source: Derived from Table: A, B & C.

U.A.R.

TABLE - E: OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

	( '00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	99	87	185	151	150	162	122	126
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	3772	2795	3703	3708	3874	4215	3520	4019
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	71	78	71	71	90	64	70	-
Sesamum	110	106	147	168	131	139	98	67
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	4052	3066	4106	4098	4245	4580	3810	4212

Source: Derived from Table - D.



U.A.R.

TABLE - F : IMPORTS OF OILCAKES & MEALS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

U.A.R.

TABLE - G: EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	103	-	72	174	1	50	90	70
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	86	60	65	60	60
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	99	161	62	169	186	253	240	200
Total	202	161	134	429	247	368	390	330

U.A.R.

TABLE - H: NET AVAILABILITY OF OILCAKES & MEALS

	( '00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	99	87	185	151	150	162	122	126
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	3669	2795	3631	3534	3873	4165	3430	3949
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	71	78	71	-15	30	-1	10	-60
Sesamum	110	106	147	168	131	139	98	67
Pal Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-99	-161	-62	-169	-186	-253	-240	-200
Total	3850	2905	3972	3669	3998	4212	3420	3882

Source: Derived from Table E, F & G.

U.A.R.

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	51	45	96	78	78	84	63	65
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	1504	1145	1488	1448	1587	1707	1406	1619
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	25	28	25	-5	10	-	3	-21
Sesamum	44	42	58	67	52	55	39	26
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-36	-59	-22	-62	-68	-93	-88	-74
Total	1588	1201	1645	1526	1659	1753	1423	1615

Source: Derived from Table - H.





SUPPLY-DISTRIBUTION

43. UGANDA



UGANDA

TABLE - A: PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>u/</u>	1626	1524	1626	1626	1626	1626	1626
Soyabean	-	-	-	-	-	-	-
Cottonseed	1443	691	1433	1504	1778	1768	1577
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	295	325	284	305	305	305	305 <sup>c</sup>
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	3364	2540	3343	3435	3709	3699	3508
Castorseed	20	20	30	30	20	25	25

UGANDA

TABLE - B : IMPORTS OF OILSEEDS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

UGANDA

TABLE C: EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	102	102	81	41	41	3*	83*	50*
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	10	10	10	10	10 <sup>c</sup>	10 <sup>c</sup>	10 <sup>c</sup>
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	102	112	91	51	51	13	96	60
Castorseed	20	20	30	30	20	20+	16+	20+

\* ISTA Oilworld, Hamburg

+ Foreign Agriculture Circular: U.S. Department of Agriculture



UGANDA

TABLE - D: OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	1036	964	1057	1097	1097	1135	1052	-50
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	1443	691	1433	1504	1778	1768	1577	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	295	315	274	295	295	295	295 <sup>c</sup>	-10
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	2774	1970	2764	2396	3170	3198	2924	-60

Source: Derived from Table A, B & C

UGANDA

TABLE - E: OILCAKE EQUIVALENT OF OILSEED CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	580	539	591	614	614	635	589	-28
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	606	290	601	631	746	742	662	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	153	163	142	153	153	153	153	-5
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	1339	992	1334	1398	1514	1530	1404	-33

Source: Derived from Table D.

UGANDA

TABLE - F : IMPORTS OF OILCAKE & MEALS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

UGANDA

TABLE - G : EXPORTS OF OILCAKE & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	728	632	291	593	628	691	718	780
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Castorseed	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	40	66	19	6	7	9	1
Total	728	672	357	612	634	698	727	781

UGANDA

TABLE - II: NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	580	539	591	614	614	635	589	-28
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-122	-342	310	38	118	51	-56	-780
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	153	163	142	153	153	153	153	-5
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-40	-66	-19	-6	-7	-9	-1
Total	611	320	977	786	879	832	677	-814

Source: Derived from Tables E, F & G.



UGANDA

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	301	230	307	319	319	330	306	-14
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-50	-140	127	15	48	20	-22	-319
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	61	65	56	61	61	61	61	-2
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-	-14	-24	-7	-2	-2	-3	-
Total	312	191	466	388	426	409	342	-335

Source: Derived from Table H.



SUPPLY-DISTRIBUTION

44. NIGERIA



NIGERIA

TABLE -- A : PRODUCTION OF OILSEEDS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1966
Groundnut <u>w/</u>	8981	9947	12649	11420	9855	14180*	14890*	14000*
Soyabean	142	152	274	112	193	193	152	-
Cottonseed	1016	559	986	884	833	864	1016	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	284	213	213	203	244	236 <sup>+</sup>	161 <sup>+</sup>	-
Palm Kernel	4288	4369	3637	4206	4074	4216	2235	-
Copra	71	30	20	30	81	-	-	-
Total	14782	15270	17779	16855	15280	19689	18454	14000

\* ISTA Oilworld

+ Foreign Agriculture Circular : U.S. Department of Agriculture.



NIGERIA

TABLE - B : IMPORTS OF OILSEEDS

	( '00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

NIGERIA

TABLE - C : EXPORTS OF OILSEEDS

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1968
Groundnut s/	3373	5019	5385	6238	5527	5223	5845
Soyabean	31	142	152	274	81	154 <sup>+</sup>	123 <sup>+</sup>
Cottonseed	406	742	437	671	640	715 <sup>+</sup>	671 <sup>+</sup>
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	274	213	244	152	183	209 <sup>+</sup>	251 <sup>+</sup>
Palm Kernel	4247	4176	3729	4044	4003	4222 <sup>*</sup>	4003 <sup>*</sup>
Copra	71	30	20	30	81	-	-
Total	8402	10322	9967	11409	10515	10523	10893

\* ISTA Oilworld (Hamburg)

+ Foreign Agriculture circular : U.S. Department of Agriculture.

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	2913	1943	3469	1756	1371	4703	4578
Soyabean	111	10	122	-162	112	39	29
Cottonseed	610	-183	549	213	193	149	345
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	10	-	-31	51	61	27	90
Palm Kernel	41	193	-92	162	71	-6	-1768
Copra	-	-	-	-	-	-	-
Total	3685	1963	4017	2020	1808	4912	3094

Source: Derived from Table A, B & C.

NIGERIA

TABLE - E : OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Grounanut	1631	1088	1942	983	767	2633	2563	5488
Soyabean	87	7	96	-127	88	30	22	-
Cottonseed	256	-76	230	89	81	62	144	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	5	-	-16	26	31	14	-46	-
Palm Kernel	21	100	-47	84	36	-3	-919	-
Copra	-	-	-	-	-	-	-	-
Total	2000	1119	2205	1055	1003	2736	1764	5488

Source: Derived from Table - D.

NIGERIA

TABLE - F : IMPORTS OF OILCAKES & MEALS

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-



NIGERIA

TABLE - G : EXPORTS OF OILCAKE & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	541	759	894	868	1416	1145	1348	1328
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	10	9	9	13	22	40	348	410
Copra	-	-	-	-	-	-	-	-
Others	-	-	1	1	-	1	3	2
Total	551	768	904	882	1438	1186	1699	1740

NIGERIA

TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	1090	329	1048	115	-649	1488	1215	41
Soyabean	87	7	96	-127	8	30	22	
Cottonseed	256	-76	230	89	81	62	144	
Sunflowerseed	-	-	-	-	-	-	-	
Rape/Mustard	-	-	-	-	-	-	-	
Linseed	-	-	-	-	-	-	-	
Sesamum	5	-	-16	26	31	14	-46	
Palm Kernel	11	91	-56	71	14	-43	-1267	-4
Copra	-	-	-	-	-	-	-	
Others	-	-	1	1	-	1	3	
Total	1449	351	1301	173	-435	1550	65	30

Source: Derived from Table: E, F & G.

NIGERIA

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES & MEALS

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	566	171	544	59	-337	773	631	2163
Cottonseed	104	-31	94	36	33	25	59	-
Soyabean	40	3	44	-58	40	13	10	-
Rape/Mustard	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Palm Kernel	1	16	-10	12	2	-7	-228	-73
Linseed	-	-	-	-	-	-	-	-
Sesamum	2	-	-6	10	12	5	-18	-
Others	-	-	-	-	-	-	-1	-
Total	713	159	666	59	-250	809	453	2090

Source: Derived from Table : H.



SUPPLY-DISTRIBUTION

45. SENEGAL





SENEGAL

TABLE - A : PRODUCTION OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>w/</u>	8128	9022	7579	7925	8626	9591	7274	11176
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	41 <sup>a</sup>	51	51	41	41	45	45 <sup>c</sup>	45 <sup>c</sup>
Copra	-	-	-	-	-	-	-	-
Total	8169	9073	7630	7966	8667	9636	7319	11221

SENEGAL

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

SENEGAL

TABLE - C : EXPORTS OF OILSEEDS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>s/</u>	2530**	2702	2763	2042	2134	2168*	2981*	1650*
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	2530	2702	2763	2042	2134	2168	2981	1650

\* ISTA Oilworld

\*\* Including Mali.

SENEGAL

TABLE - D: OILSEED AVAILABLE FOR CRUSHING

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	3159	3613	2542	3505	3904	4545	2110	6173
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	41	51	51	41	41	45	45	45
Copra	-	-	-	-	-	-	-	-
Total	3200	3664	2593	3546	3945	4590	2155	6218

Source : Derived from Table: A, B & C.



SENEGAL

TABLE - E: OILCAKE EQUIVALENT OF OILSEED CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	1769	2023	1423	1962	2186	2545	1181	3456
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	21	26	26	21	21	23	23	23
Copra	-	-	-	-	-	-	-	-
Total	1790	2049	1449	1983	2207	2568	1204	3479

Source: Derived from Table D.

SENEGAL

TABLE - F : IMPORTS OF OILCAKE AND MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	-	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

SENEGAL

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	1634	1807	1639	1454	1843	1964	1913	1950
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	6	6	4	3
Total	1634	1807	1639	1454	1849	1970	1917	1953

TABLE - H: NET AVAILABILITY OF OILCAKES AND MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	135	216	-216	508	343	581	-732	1506
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	21	26	26	21	21	21	23	23
Copra	-	-	-	-	-6	-6	-4	-3
Total	156	242	-190	529	358	593	-713	1526

Source: Derived from Tables E, F & G.

SENEGAL

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKE AND MEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	70	112	-112	264	178	302	-380	783
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-	-
Palm Kernel	3	4	4	3	3	4	4	4
Copra	-	-	-	-	-1	-1	-	-
Total	73	116	-108	267	180	305	-376	787

Source: Derived from Table H.





SUPPLY\_DISTRIBUTION

46. SUDAN



SUDAN

TABLE - A : PRODUCTION OF OILSEEDS

	('00 tonnes)						
	1960	1961	1962	1963	1964	1965	1966
Groundnut <u>u/</u>	1920	1494	2286	2885	2774	2611	3200
Soyabean	-	-	-	-	-	-	-
Cottonseed	2334	4439	3441	2247	3167	3135	2400
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	1270	2316	1422	1737	2012	1490*	1290*
Castorseed	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	5524	8249	7149	6869	7953	7236	6890

\* ISTA, Oilworld (Hamburg)

SUDAN

TABLE - B : IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-



SUDAN

TABLE - C : EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	620	762	1097	1097	1422	1528 <sup>+</sup>	997 <sup>+</sup>
Soyabean	-	-	-	-	-	-	-
Cottonseed	1008	1260	2203	1144	515	655 <sup>+</sup>	450 <sup>+</sup>
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	762	630	772	701	1016	708 <sup>+</sup>	737 <sup>+</sup>
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Total	2390	2652	4072	2942	2953	2891	2184

+ Foreign Agriculture Circular : U.S. Department of Agriculture

TABLE - D : OILSEEDS AVAILABLE FOR CRUSHING

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut s/	724	283	503	922	519	299	1243
Soyabean	-	-	-	-	-	-	-
Cottonseed	1326	3179	1238	1103	2652	2480	1950
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	508	1686	650	1036	996	782	553
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	2558	5148	2391	3601	4167	3561	3746

Source : Derived from Table : A, B & C

SUDAN

TABLE - E : OILCAKE EQUIVALENT OF OILSEED  
CRUSHED

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	405	158	281	516	290	167	696
Soyabean	-	-	-	-	-	-	-
Cottonseed	556	1335	519	463	1113	1041	819
Sunflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	264	876	338	538	517	406	287
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	1225	2369	1138	1517	1920	1614	1802

Source : Derived from Table - D.

SUDAN

TABLE - F : IMPORTS OF OILCAKE & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966
Groundnut	-	-	-	-	-	-	-
Soyabean	-	-	-	-	-	-	-
Cottonseed	-	-	-	-	-	-	-
Synflowerseed	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Sesamum	-	-	-	-	-	-	-
Palm Kernel	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

SUDAN

TABLE - G : EXPORTS OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	171	323	387	179	214	460
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	483	523	819	959	1094	1234	1336	1050
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	129	333	173	135	223	239	252	100
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	25	26	-	-	-	-	-	-
Total	637	882	1163	1417	1704	1652	1802	1610



TABLE - H : NET AVAILABILITY OF OILCAKES & MEALS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	405	158	110	193	-97	-12	482	-4
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	73	812	-300	-496	19	-193	-517	-10
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	135	543	165	403	294	167	35	-
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-25	-26	-	-	-	-	-	-
Total	588	1487	-25	100	216	-38	-	-1

Source : Derived from Table E, F & G.

SUDAN

TABLE - I : RAW PROTEIN EQUIVALENT OF OILCAKES

( '00 tonnes )

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	210	82	57	100	-50	-6	250	-239
Soyabean	-	-	-	-	-	-	-	-
Cottonseed	29	332	-123	-203	7	-79	-211	-430
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Sesamum	54	217	66	161	117	66	14	-40
Palm Kernel	-	-	-	-	-	-	-	-
Copra	-	-	-	-	-	-	-	-
Others	-9	-9	-	-	-	-	-	-
Total	284	622	-	58	74	-19	53	-709

Source : Derived from Table II.



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SUPPLY-DISTRIBUTION

47. JAPAN





JAPAN

TABLE - A: PRODUCTION OF OILSEEDS

( '00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>u/</u>	1270	1422	1432	1443	1311	1370*	1390*	1390*
Soyabean	4180	3870	3350	3180	2400	3300	1990	1900
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	2630	2750	3630	1090	1340	1260	930	860
Linseed	41	31	41	30	20	20 <sup>+</sup>	5 <sup>+</sup>	5 <sup>+</sup>
Sesamumseed	51	51	30	51	51	51 <sup>c</sup>	51 <sup>c</sup>	51 <sup>c</sup>
Copra	-	-	-	-	-	-	-	-
Total	8172	8124	8483	5794	5122	5001	4366	4206

u/ Unshelled  
c Assumed constant  
\* ISTA Oilworld  
+ Foreign Agriculture Circular.

JAPAN

TABLE - B: IMPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	61	30	30	102	183	251**	<b>378**</b>	304**
Soyabean	11278	11582	12934	15443	16073	18475**	21685**	21698**
Cottonseed	711	996	1504	1687	2052	2171**	2568**	2162**
Sunflowerseed	203	173	264	122	18*	39	33*	964*
Rape/Mustard	508	203	366	874	762	1013**	2115**	3154**
Linseed	762	1057	823	975	945	1032**	1166**	1067**
Sesamumseed	274	203	284	325	335	333**	377**	397**
Copra	853	803	884	1087	853	942**	1076**	1121**
Others	-	-	-	-	-	-	-	-
Total	14924	15372	17445	20991	21566	24256	30028	31511
Castorseed	274	325	356	<b>376</b>	345	-	630**	644**

s/ Shelled

\* ISTA Oilworld Hamburg.

\*\* Embassy returns.

JAPAN

TABLE - C: EXPORTS OF OILSEEDS

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut								
Soyabean								
Cottonseed								
Sunflowerseed								
Rape/Mustard				NIL				
Linseed								
Sesamumseed								
Copra								
Others								
Total								

JAPAN

TABLE - D: OILSEEDS AVAILABLE FOR CRUSHING

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>s/</u>	950	1025	1032	1112	1101	1621	1768	1694
Soyabean	15458	15452	16284	18623	18473	20775	23675	23598
Cottonseed <sup>4</sup>	711	996	1504	1687	2052	2171	2568	2162
Sunflowerseed	203	173	264	122	18	39	33	964
Rape/Mustard	3138	2953	3996	1964	2102	2273	3045	4014
Linseed	803	1088	864	1005	965	1052	1173	1072
Sesamumseed	325	254	314	376	386	384	428	448
Copra	853	803	884	1087	853	942	1076	1121
Total	22715	23069	25498	26352	26295	29257	36396	35017
Castorseed	274	325	356	376	345	-	630	644

s/ Shelled

Source: Derived from Tables A, B & C.



JAPAN

TABLE - E: OILCAKE EQUIVALENT OF OILSEEDS CRUSHED

(100 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut <u>s/</u>	532	574	578	734	616	908	990	949
Soyabean	12212	12207	12864	14712	14594	16412	18703	18642
Cottonseed	299	418	632	708	862	912	1078	908
Sunflowerseed	136	116	177	82	12	26	22	646
Rape/Mustard	1726	1624	2198	1080	1156	1256	1675	2208
Linseed	514	696	553	643	630	673	751	686
Sesamum	169	132	163	196	201	200	223	233
Copra	299	281	309	380	299	330	377	392
Total	15887	16048	17474	18535	18370	20607	23819	24664

s/ Shelled

Source: Derived from Table D.



JAPAN

TABLE - F: IMPORTS OF OILCAKES & MEAL

('00tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut s/	-	-	-	330	638	371	697**	565**
Soyabean	8	564	158	15	133	463	74**	23**
Cottonseed	-	-	-	125	47	31	101**	32**
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	9	-	2	8	21	1@
Sesamum	-	-	-	-	-	-	-	-
Copra	-	-	2	15	21	36	3@	3@
Others	-	283	89	161	174	612	644@	165@
Total	8	847	259	646	1015	1521	1540	789

\*\* Embassy Returns

@ The Japan Oil and Fat Importers & Exporters Association Statistics (1967).

JAPAN

TABLE - G: EXPORTS OF OILCAKES & MEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	-	-	-	-	-	-	-	-
Soyabean	33	-	2	4	-	5	45 <sup>s</sup>	7 <sup>s</sup>
Cottonseed	-	-	-	-	-	-	-	-
Sunflowerseed	-	-	-	-	-	-	-	-
Rape/Mustard	-	-	-	-	-	-	-	-
Linseed	-	-	69	23	54	-	-	84 <sup>s</sup>
Sesamumseed	-	-	-	-	-	-	-	-
Copra	-	-	8	45	12	1	8 <sup>s</sup>	23 <sup>s</sup>
Others	153	3	69	117	41	1	12 <sup>s</sup>	197 <sup>s</sup>
Total	186	3	148	189	107	7	65	311

s : Shelled

JAPAN

TABLE - H: NET AVAILABILITY OF OILCAKES & MEAL  
AND NET AVAILABILITY OF FISHMEAL

('00 tonnes)

	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	532	574	578	1064	1254	1274	1642	1506
Soyabean	12187	12771	13020	14723	14727	16870	18777	18665
Cottonseed	299	418	632	833	909	943	1179	940
Sunflowerseed	136	116	177	82	12	26	22	646
Rape/Mustard	1726	1624	2198	1080	1156	1250	1675	2208
Linseed	514	696	493	620	678	681	772	603
Sesamumseed	169	132	163	195	201	200	223	233
Copra	299	281	303	350	308	365	372	372
Total	15862	16612	17564	18647	19145	21613	24662	25173
Fishmeal	131	184	334	807	961	995	798	705

Source: Derived from Tables E, F & G.

JAPAN

TABLE - I: RAW PROTEIN EQUIVALENT OF OILCAKES & MEAL  
(INCLUDING FISHMEAL)

	('00 tonnes)							
	1960	1961	1962	1963	1964	1965	1966	1967
Groundnut	277	299	301	553	652	865	854	783
Soyabean	5606	5875	5989	6773	6774	7760	8637	8586
Cottonseed	123	171	259	342	373	387	483	385
Sunflowerseed	50	43	65	30	4	10	8	239
Rape/Mustard	661	585	791	389	416	450	603	795
Linseed	185	251	177	223	208	245	278	217
Sesamumseed	68	53	65	78	80	80	89	93
Copra	66	62	67	77	68	80	82	82
Fishmeal	85	120	217	524	625	647	519	458
Total	7071	7459	7931	8990	9201	10324	11553	11638

Source: Derived from Table -- H. Raw Protein percent are taken from ISTA Oilworld, Semi-Annual, May 1967.

Commonwealth Economic Committee

1) Vegetable Oils and Oilseeds: A Review op.cit.

2) Commonwealth Secretariat Tropical Products  
Quarterly op.cit.

3) ISTA, Mielke & Co. Hamburg: (a) Oilworld, Semi-Annual;  
(b) Oilworld, Quarterly;  
(c) Oilworld, Weekly.

4) United States, Department of Agriculture Publications.



JAPAN

TABLE - J: CATTLE AND HOGS ON FARMS, PRODUCTION OF EGGS  
AND POULTRY MEAT, 1960-65

	1960	1961	1962	1963	1964	1965
Cattle on Farms (million)	3.2	3.2	3.3	3.5	3.4	3.2
Hogs on Farms (million)	1.9	2.6	4.0	3.3	3.5	4.4
Egg Production (million doz.)	797.0	1072.0	1217.0	1275.0	1491.0	1552.0
Poultry Meat (million lbs.)	459.4	109.8	145.8	232.1	300.2	356.4

Source: Commonwealth Economic Committee: Meat; Dairy Product; H.M.S.O.  
London (Various Issues).



JALAN

TABLE - K: HIGH PROTEIN ANIMAL CONSUMING UNITS, 1960-65

	1960	1961	1962	1963	1964	1965	Projections	
							1975	
							Low	High
Cattle(million)	1.6	1.6	1.6	1.7	1.7	1.6	2.3	2.5
Hogs (million)	0.9	1.3	2.0	1.6	1.7	2.2	3.9	4.2
Eggs (million)	5.7	7.7	8.7	9.1	10.6	11.1	16.5	17.6
Poultry Meat (million)	2.0	0.5	0.6	1.0	1.3	1.6	3.3	3.6
Total	10.2	11.1	12.9	13.4	15.3	16.5	26.0	27.9

Source: Table - J.

JAPAN

TABLE - I: APPARENT CONSUMPTION OF OILCAKE PROTEIN PER ANIMAL UNIT 1960-65

	1960	1961	1962	1963	1964	1965	Projections 1975	
							Low	High
Protein consumption ('000 tonnes)	327.4	376.6	364.9	527.4	595.8	628.1	990.9	1063.3
Protein consumption (million lbs.)	721.8	830.2	804.4	1162.7	1313.5	1384.7	218.4	2343.6
Protein consuming units (million)	10.2	11.1	12.9	13.4	15.3	16.5	26.0	27.9
Consumption per unit (lbs.)	71	75	62	87	86	84	84	84
Oilcake consumption per unit (lbs.) <sup>1/</sup>	161	170	141	198	195	191	191	191

Source: Japan - Supply-Distribution: Table - I.

<sup>1/</sup> In terms of 44 percent Protein.

Note: Projection: The cake equivalent of 2184 and 2345.6 million lbs. of protein is 2.2 and 2.4 million tons (expressed in 44 percent protein cake).

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## APPENDIX AND BIBLIOGRAPHY

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## Appendix I

LIST OF EXPORTERS OF OILCAKES \*Name and Address of Exporters

1. M/s. Ahmed Oomesbhoy Oil Mills,  
Ahmed Oomer Street, Two Tanks, Bombay 8.
2. M/s. Alimchand Topandas, 10/12, Jamboolwadi,  
Kalbadevi Road, Bombay-2.
3. M/s. Alibhai Vishram Oil Mills, Ganlipura,  
Akola Estd. 1945
4. M/s. Annapurna Industrial Co.,  
Manipuri, (U.P.)
5. M/s. Ashok Oil Cake Industries,  
Vadal Road, Junagadh, Gujarat.
6. M/s. Ashok Oil Mills Ltd.,  
Vadal Road, Junagadh, Gujarat.
7. M/s. Arun Industries, P.B.No.2, Dhorajee
8. M/s. Amerdeep Oil Extractions,  
Station Road, Manipuri, (U.P.)
9. M/s. Bramhappa Tavanappanavar Pvt.Ltd.,  
Davnagere, Dist. Chitaldurga, Mysore
10. M/s. Bhavanagar Chemical works Ltd. (1946),  
Vartoj Dist. Bhavanagar, Saurashtra.
11. M/s. Bashir Oil Mills, Warora, Dist.Chanda,  
(Maharashtra State)

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\* Compiled from Custom's Daily Lists and/or D.T.R's for the year 1967 for the ports of Bombay, Calcutta, Madras, Cochin, Bhavnagar, Porbandar, Veraval and Bodi.

Note : Few names of exporters which could not be discerned correctly have been omitted in this list.

## Appendix I (2)

Name and Address of Exporters

12. M/s. Berar Oil Industries, Vanasdapeth,  
Apola, Maharashtra.
13. M/s. Bhaidas Karsondas & Co.,  
Vithaldas Chambers, Opp. State Bank of  
India, Hormiman circle, Fort, Bombay.1.
14. M/s. Bharat General & Textile Industries Ltd.,  
9, Parsee Church Street, Calcutta-1.
15. M/s. The Bhavanagar Vegetable Products Ltd.,  
Bander Road, Bhavanagar.
16. M/s. Bhanji Kashiji Oil & Cake Industries,
17. M/s. Bajrang Mills & Fertilizers Co.,  
"Meghdoot",  
95-B, Netaji Subhas Road, Bombay-2.
18. M/s. B.G.Finance & Industries Ltd.,  
P.B.No.6, Post Sirsa, (Hariyana)
19. M/s. The Cotton agent (Pvt.) Ltd.,  
Industry House,  
159, Church Gate Reclamation,  
Bombay-1.
20. M/s. Chawla Bros (Pvt.) Ltd., Bombay
21. M/s. The Copra Producers and Crushers  
Co-Operative Society Ltd.,  
Alleppy. (Kerala State)
22. M/s. Dulichand Omraolall,  
4, Chittaranjan Avenue,  
Calcutta - 13.
23. M/s. Diwan Oil Mills, 93-94, Industrial Area,  
Chandigarh. (Punjab)

## Appendix I (3)

Name and Address of Exporters

24. M/s. Dewas Flour Oil and De-oiled Cake Factory, Indore.
25. M/s. Dipak Industries, Opp.Savita Baug, P.B.No. 1, Junagadh.
26. M/s. Dipak Solvent Extraction Industries, Manavadar (Gujarat)
27. M/s. Dipak Oil Mills, Junagadh Road, Dhorajee (Gujarat)
28. M/s. The East Asiatic Co. of India Pvt. Ltd., Wavel House, Graham Road, Ballard Estate, Bombay - 1.
29. M/s. Faruk Anwar & Co. (Oil Mill), Gajgarpeth, Raichur.
30. M/s. Godrej Soaps Pvt. Ltd., Eastern Express Highway, Vikhroli, Bombay - 71.
31. M/s. The Ganesh Flour Mills Co. Ltd., Sabjimandi, Delhi.
32. M/s. Gandhi Oil Mills, Pratap Nagar, P.O.Box No. 100, Baroda - 4.
33. M/s. Hind Merchantile Corporation Pvt.Ltd., 312/13, Linghi Chetty Street, Ist Street, Madras - 1.
34. M/s. Hanuman Cotton Seeds Products Pvt.Ltd.
35. M/s. Shreeniketan, 99, Marine Drive, Bombay - 2.
36. M/s. Importers Copra Crushing Industry (Pvt. Ltd.)  
208, Samuel Street, Bombay.



Appendix I(4)

Name and Address of Exporters

37. M/s. Indian Oil & Soap Co.,  
235, Katha Bazar, Bombay.
38. M/s. Indo Universal Export,  
Syndicate Bank Building,  
Shri.P.M.Road, Bombay -1.
39. M/s. Jayant Ext.Industries,  
Bedeshwar, Jamnagar -2.
40. M/s. Jamnadas Madhavji & Co.,  
Tanna House, 11-A, Wodehouse Rd.,  
Bombay - 1.
41. M/s. The Jaihind Oil Mills Co.,  
387-89, Narsi Natha St.,  
Bombay - 9.
42. M/s. Kamani Oil Mills,  
365-67, Katha Bazar,  
Bombay - 9.
43. M/s. Khandesh Oil Extraction, Division of  
Analgamated Electricity Co.,  
17-B, Hormiman circle, Bombay - 1.
44. M/s. Laxmichand Dayabhai (Export)Co.,  
77/87, New Bardan Lane, Bombay -3.
45. M/s. Liberty Oil Mills, 83, Narsingapura,  
Jail road,  
South, Bombay - 9.
46. M/s. Lakshmi Oil Mills,  
15, Shiv Thakur Lane,  
P.B.No. 6719, Calcutta-7.
47. M/s. Lal Oil & Chemical Mills,  
Amritsar (Punjab)



## Appendix I (5)

Name and Address of Exporters

48. M/s. Motilal Hariprasad & Bros.,  
67/50, Strand Bank Road,  
Calcutta - 7.
49. m/s. Maharashtra Oil Industries,  
Malagaon, Dist. Nasik.  
(Maharashtra)
50. M/s. The Malva Vanaspati & Chemical  
Co. Ltd.,  
Bhagirath Pura, Indore.
51. M/s. Mansingka Industries Pvt.Ltd.,  
258, Kalbadevi road,  
Bombay - 2.
52. M/s. Madhya Pradesh State Industries  
Corporation Ltd., P.B.No.3,  
Maksi Road, Ujjain (M.P.)
53. M/s. Mohanlal sunderji Ginning Factory,  
& Oil Mills,  
Khamgaon, (Maharashtra)
54. M/s. Madhavdas Amershi & Co.,  
Feltham House, 10, Graham Road,  
Ballard Estate, Bombay -1.
55. M/s. Mavji Haribhai Oil Cake Industries,  
Shapur, Junagadh, Gujarat.
56. M/s. Mahendra Oil Cake Industries Pvt.Ltd.,  
Bhaktinagar, Station Plot,  
Rajkot -2.
57. M/s. Mayur Ginning Factory, Kolki Road,  
Upletta, Gujarat.
58. M/s. New India Oil Mills,  
387-389, Narsinatha street,  
Bombay - 9.

## Appendix I (6)

Name and Address of Exporters

59. M/s. New Vijay Oils & Dal Mills (Pvt.) Ltd.,  
Amravati (Maharashtra)
60. M/s. Naraindas Brothers, P.B.No. 2406,  
Opp. Edward Cinema,  
Kalbadevi road, Bombay - 2.
61. M/s. Oils and Allied Products (Pvt.) Ltd.,  
108, Naya Bazar, Delhi - 6.
62. M/s. Prabhat Oil Mills, Limdi,  
Dist. Surendranagar.
63. M/s. Prag Ice and Oil Mills,  
Baraf-Khana, Aligarh (U.P.)
64. M/s. The Prakash Vegetable Oil Products,  
325, Kalbadevi Road, Bombay - 2.
65. M/s. Prakash Trading co., Raj Mahal Road,  
Veraval (Gujarat)
66. M/s. Prabhat Solvent Extraction  
Industries Pvt. Ltd.,  
Rajendra Road, Manvadar, Gujarat.
67. M/s. Raja Oil Mills,  
88, Masjid Bunder Road,  
P.B.No. 5010, Bombay - 9.
68. M/s. The State Trading Corporation of India,  
Express Building,  
9,10, Mathura Road, New Delhi-1.
69. M/s. Swaika Oil Mills, 18 B, Brabourne Rd.,  
Calcutta -1.
70. M/s. Shree Purshottamdas Cotton seed  
Industries,  
Himatnagar, Gujarat.
71. M/s. Shree Dhoraji Gin Mill Co.,  
Gin Plot., Post Box. No. 4,  
Dhoraji, Dist. Rajkot.

## Appendix I (7)

Name and Address of Exporters

- |     |      |  |
|-----|------|--|
| 72. | M/s. | Sourashtra Solvent Ext.Co. Pvt.Ltd.,<br>Rajkot.  |
| 73. | M/s. | Srinivas Oil & Fertilizers, Kalluru,<br>Dist. Anantpur (A.P.)                                  |
| 74. | M/s. | Sundatta Food & Fibres Ltd.,<br>70 Forbes Street, Bombay -1.                                   |
| 75. | M/s. | Sonawala Industries,<br>137, Sheik Meman Street,<br>Bombay -2.                                 |
| 76. | M/s. | Shree Jagdish Oil Industries,Pvt.Ltd.,<br>P.B.No.44, Mill Para,<br>Porbundar (Gujarat)         |
| 77. | M/s. | Shree Mansingka Oil Mills Pvt.Ltd.,<br>Mansingka Chambers,<br>258, Kalbadevi Road, Bombay - 2. |
| 78. | M/s. | Sree Venkateswara Industries &<br>Trading Co., Kalluru, dist:<br>Anantpur (A.P.)               |
| 79. | M/s. | The Swastik Oil Mills Ltd.,<br>Salt Pan Road,<br>Wadala, Bombay - 31.                          |
| 80. | M/s. | Shree Khedut Oil Cake Industries,<br>Near Power House,<br>P.B. 47, Dhoraji.                    |
| 81. | M/s. | Sri. Rangavilas Ginning &<br>Oil Mills, P.B.No. 151,<br>Coimbatore -1. (Madras)                |
| 82. | M/s. | S.B.Mangalbudhe Oil Mills,<br>College Road,<br>Pijapur (Mysore State)                          |

## Appendix I (8)

Name and Address of Exporters

83. M/s. Shree Krishna Oil Mills,  
Bedeshwar Road, Jamnagar.
84. M/s. Sree Mahendra Oil Mills,  
Sagar (M.P.)
85. M/s. Sethia Oil Industries,  
Lucknow Road,  
Sitapur (M.P.)
86. M/s. Shree Patil Oil Mill, Kadia Plot,  
Porbandur (Gujarat)
87. M/s. Shri Chand Bipin Chandra Oil Mills,  
Chandausi (U.P.)
88. M/s. Suchdev Industries,  
Bedeswar, Jamnagar.
89. M/s. T.G.Lakshmayya Shetty & Sons,  
P.B.No.23, Adoni (A.P.)
90. M/s. The Tata Oil Mills Co.Ltd.,  
Bombay House,  
Bruce Street, Bombay - 1.
91. M/s. Tungabhadra Industries Ltd.,  
Kurnool.
92. M/s. T.Chandranna & Co.,  
Davangiri (Mysore State)
93. M/s. Ulhas Oil & Chemical Industries  
Pvt. Ltd., 16, Appollo street,  
Fort, Bombay -1.
94. M/s. Upletta Gin Mill Co., Kolki Road,  
Upletta (Gujarat)



## Appendix I (9)

Name and Address of Exporters

- |      |      |   |
|------|------|---|
| 95.  | M/s. | Umrao Industrial Corporation,<br>50, Mill Area,<br>Kanpur (U.P.)                                |
| 96.  | M/s. | Vegetable Oil Manufacturing<br>Co., Pvt. Ltd.,<br>528, Bachhraj Plot,<br>Amravati (Maharashtra) |
| 97.  | M/s. | Vegetable Vitamin Food Co.,<br>Pvt. Ltd., Plot No. 109,<br>Sion, Bombay.                        |
| 98.  | M/s. | Vilas Udyog Limited,<br>Bodeswar, Jamnagar.   |
| 99.  | M/s. | Western India Vegetable Products Ltd.,<br>Amalner, Dist: East Khandesh,<br>(Maharashtra)        |
| 100. | M/s. | Western India Industries,<br>Upletta.   |





APPENDIX-IILIST OF SOLVENT EXTRACTION PLANTS IN THE ORGANISED  
SECTOR FOR EXTRACTION OF OIL FROM OILCAKES/RICE BRAN.

Name of the firms	Location of the Plant.
<u>ANDHRA PRADESH</u>	
1. M/s. Adoni Fertiliser Manufacturers, P.B.No.28, Adoni.	Adoni
2. " Andhra Oils & Fertilisers Co., Patamata, Vijayawada-6.	Patamata, Vijayawada-6 Dist.Krishna.
3. " International Exports & Estates Agency, Amba Bhavani, Camal Road, Vijayawada.	Tadepalli Guntur Dist. (A.P.
4. " East Coast Oil Corpn; 67, Godown Street, Madras-1.	Bhimavaram, Dist. West Godavari.
5. " Foods Fats & Fertilisers (P) Ltd., 67, Godown Street, Madras-1.	Tadepalligudam.
6. " Moti Lal Hariprashad & Bros., Oil Mill, Sangadigunta, Guntur.	Guntur.
7. " Onkarmall Nathmall & Co., Lessees, Andhra Oil & Cake Products Ltd., P.B.No.54, Vizianagaram.	Karapaka, Vizianagaram.

Name of the firms	Location of the Plant.
8. M/s. Sree Radha Krishna Fertilisers, Kalluru, R.S. Anantapur Distt.	Kalluru R.S.
9. " Sreenivasa Oils & Fertilisers, Kalluru R.S. Anantapur Distt.	Kalluru, Distt. Anantapur (A.P.)
10. " Tungabhadra Industries Ltd., Kurnool (A.P.)	Kurnool

GUJARAT

1. M/s. Arun Industries, P.B.No.2, Dhoraji.	Dhoraji
2. " Ashok Oilcake Industries, Vadal Road, Junagadh.	Junagadh
3. " Amrit Solvent Industries, Madhi, Distt. Surat (Gujarat)	Madhi Distt. Surat.
4. " Bhavnagar Vegetable Products Co. Ltd., Bunder Road, Bhavnagar.	Bhavnagar.
5. " Bhavnagar Chemical Works Ltd., Vartej, Saurashtra.	Vartej.
6. " Bajrang Mills & Fertilisers Co., Prop; Shree Hanuman Sugar Ind. Ltd., 178, Mahatma Gandhi Road, Calcutta.	Bedeswar, Jamnagar.
7. " Dipak Industries, Opp. Savita Baug, Junagadh.	Junagadh

Name of the firms		Location of the Plant.
8.	M/s. Gandhi Oil Mills, Pratapnagar Road, Baroda-1.	Baroda
9.	" Indian Extraction (P) Ltd., Bedeshwar Road, Jamnagar.	Jamnagar
10.	" Jayant Extraction Industries, Grain Market, Jamnagar.	Jamnagar
11.	" Mahendra Industries, Near Bhakkhtinagar Station, Rajkot.	Rajkot
12.	" Mavji Haribhai Oilcake Ind., Station Road, Shahpur (Sorath).	Shahpur (Sorath)
13.	" Marfatia Udyog (P) Ltd., Chalthan, Distt. Surat.	Chalthan Distt. Surat
14.	" Prakash Trading Co. (Solvent), Bhalika Road, Veraval.	Veraval
15.	" Prabhat Industries, Manavadar.	Manavadar
16.	" Shree Jagdish Oil Ind. (P)Ltd., P.B.No.41, Porbandar.	Porbandar



Name of the firms	Location of the Plant.
17. M/s. Jamnadas Madhoji & Co., (Solvent Extraction Division) P.B.No.138, Jamnagar.	Bedeshwar Jamnagar.
18. " Shree Khedut Oilcake Ind., P.O.B. No.47, Dhoraji.	Dhoraji
19. " Saurashtra Solvent Extrac- tion Co. (P) Ltd., Dhebar Road, Rajkot.	Kotharia, Near Rajkot.
20. " Sachdey Industries, Bedeshwar, Jamnagar.	Bedeshwar.
21. " Ulhas Oil & Chemical Ind., 16, Apollo Street, Fort, Bombay.	Bhavnagar.
22. " Vilas Udyog Ltd., P.B.No.150, Bedeshwar Road, Jamnagar.	Jamnagar
23. " Western India Industries, Kolki Road, Upleta.	Upleta
24. " Madhusudan Veg. Products Co.Ltd., Rakhial Station, Taluka: Dehgam. Distt. Ahmedabad.	
26. " Dipak Solvent Extraction Ind., Manavada.	Manavadar.



Name of the firms	Location of the Plants
-------------------	------------------------------

K E R A L A

- |  |            |
|--|------------|
| 1. M/s. Tata Oil Mills Co. Ltd.,<br>Tatapuram. | Tatapuram. |
|--|------------|

M A H A R A S H T R A

- |  |                        |
|--|------------------------|
| 1. M/s. Ahmed Oomerbhoy,<br>Two Tanks, Bombay-8.   | Bombay                 |
| 2. " Amalgamated Electricity Co.Ltd.,<br>17-B, Horniman Circle, Fort,<br>Bombay.               | Chalisgaon             |
| 3. " Berar Oil Industries,<br>Vanasdapeth, Akola.  | Vanasdapeth,<br>Akola. |
| 4. " B.P. Extractions,<br>259, Kalba Devi Road,<br>Bombay-2.                                   | Jalgaon                |
| 5. " Cooperative Oil Ind. Ltd.,<br>Latur, Distt. Osmanabad.                                    | Latur                  |
| 6. " Liberty Oil Mills,<br>83, Jail Roath (South)<br>Bombay.                                   | Ghatkopar,<br>Bombay.  |
| 7. " Groundnut Processors Coope-<br>rative Society Ltd.,<br>P.O. Sangli,<br>Maharashtra State. | Sangli                 |
| 8. " Godrej Soaps (P) Ltd.,<br>316, Delisle Road,<br>Bombay-11.                                | Vikhroli               |

Name of the firms	Location of the Plants
9. M/s. Ganesh Flour Mills Co. Ltd., P.B.No:1025, Subzi Mondhi, Delhi.	Mulund, Bombay.
10. " Jai Hind Oil Mills Co., 387-89, Narsi Natha Street, Bombay-9.	Agra Road, Bhandup
11. " Kirti Oil Mills, 134-36, Shroff Bazar, Bombay.	Latur
12. " Kamani Oil Mills, 365-67, Katha Bazar, Bombay-9.	Kurla
13. " Lakshmi Industries, 10-Bruce Street, Fort, Bombay.	Amravati
14. " Mansingka Industries (P) Ltd., Pachora.	Pachora
15. " Maharashtra Oil Industries, C/o. Shri Kashinath Mannelal, Malegaon, Distt. Nasik.	Dhulia
16. " New India Oil Mills, 387-89, Narsi Natha Street, Katha Bazar, Bombay-9.	Sewree, Bombay.
17. " Swastik Oil Mills Ltd., P.B.No.362, Bombay.	Wadala

Name of the firms	Location of the Plants.
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MAHARASHTRA

- |          |  |                           |
|----------|--|---------------------------|
| 18. M/s. | Sonawala Industries (P) Ltd.,<br>137, Sheikh Menon Street,<br>Bombay-2.          | Shahad,<br>Kalyan         |
| 19. "    | Tata Oil Mills Ltd.,<br>Bruce Street, Fort,<br>Bombay.                           | Sewri                     |
| 20. "    | Ulhas Oil & Chemical Indus-<br>tries (P) Ltd.,<br>16, Appollo Street,<br>Bombay. | Mohene,<br>near Kalyan.   |
| 21. "    | Vegetable Vitamin Food Co.(P)Ltd., Sion<br>Plot No.109, Sion,<br>Bombay.         |                           |
| 22. "    | Western India Vegetable<br>Products (P) Ltd.,<br>P.O.B.No.12, Amalner.           | Amalner,<br>Distt.Jalgaon |

M A D R A S

- |         |  |                                |
|---------|--|--------------------------------|
| 1. M/s. | Coimbatore Insultation Tapes<br>(P) Ltd., Coimbatore.<br>Madras State.                     | Ramanathapuram,<br>Coimbatore. |
| 2. "    | Hind Mercantile Corpn; (P) Ltd.,<br>308/9, Liaghi Chetty Street,<br>P.B.No.1730, Madras-1. | Tondiarpet                     |

Name of the firms	Location of the Plants.
<u>MADRAS</u>	
3. M/s. Madras Oil & Fertiliser (P)Ltd., Ramakrishnapuram, Villivakkam, Madras State.	Villivakkam
4. " Raghava & Vera Oil & Fertiliser Industries, 7-A, Biship Wallers Avenue (East), Madras-4.	Aniujikarai.
5. " Ramasayee Industrial Enter- prised, Ariyamangalam, Tiruchinapalli-10.	Tiruchinapalli
6. " Raja Oils & Fertilisers, 24, Officers Line, Vellora.	Thorappadi, Vellora-2.

M A D H Y A   P R A D E S H

1. M/s. Dewas Flour, Oil & Deoiled Cake Factory, Prop: The Nandlal Bhandari & Sons (P)Ltd., 46, Maharani Road, Indore City.	Dewas
2. " Madhya Pradesh State Indus- tries Corpn. Ltd., (M.P. Govt. Undertaking), Cottonseed Solvent Extraction Project, P.B. No.3, Maksi Road, Ujjain.	Ujjain
3. " Malwa Vanaspati & Chemical Co., Bhagirathpura, P.B.No.33, Indore City.	Indore
4. " K. N. Oil Industries Mahajamund, S.E.Rly., Distt. Raipur (M.P.)	



Name of the firms	Location of the Plants
<u>M Y S O R E</u>	
1. M/s. Bramhappa Tavanappanevar (F)Ltd., Davangere P.B.No.7, Davangere.	
2. " Faruk Anvar & Co., Gajjar Peth, Raichur.	Raichur
3. " Hind Mercantile Corpn; (F)Ltd., P.B.No.1730, Madras-1.	Yeswantpur Bangalore
4. " Jai Hind Oil & Fertiliser Co., Yadagiri, Mysore State.	Yadagiri
5. " Rani Vegetable Oil Industries, P.B.No.27, Davangere.	Davangere
6. " Naraindas Brothers, P.B.No.2406, Opp. Edward Cinema, Kalbadevi Road, Bombay.	Gulberga (Mysore State)
7. " Sundatta Foods & Fibres Ltd., Temple Bar Building, 70, Forbes Street, Bombay.	Hubli
8. " Sri Gajanana Rice & Oil Mills Ltd., Edigs Extension, Mysore.	Ediga Extension Distt.Mysore.



Name of the firms	Location of the Plants
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P U N J A B

- |   |                          |
|---|--------------------------|
| 1. M/s. Diwan Oil Mills,<br>93-94, Industrial Area,<br>Chandigarh.              | Chandigarh               |
| 2. " Lal Oil & Chemicals Mills,<br>Amritsar (Punjab).                           | Amritsar.                |
| 3. " Oils & Allied Products (P)Ltd.,<br>118, Naya Bazar,<br>Delhi-6. (Hariyana) | Sonepat<br>Distt. Rohtak |
| 4. " Seth Oil Mills (P) Ltd.,<br>Kashmir Road,<br>Amritsar (Punjab).            | Amritsar                 |

U T T A R P R A D E S H

- |   |          |
|---|----------|
| 1. M/s. Amardeep Oil Extractions,<br>Station Road, Mainpuri (U.F.).                   | Mainpuri |
| 2. " Bundelkhand Solvent Extrac-<br>tion Rice Mills (F) Ltd.,<br>P.O. Atarra (Banda). | Atarra   |
| 3. " Kanpur Udyog,<br>87, Factory Area,<br>Kanpur.                                    | Kanpur   |

Name of the firms	Location of the Plants
<u>UTTAR PRADESH</u>	
4. M/s. Kashi Nath Extractions, Maranpur Katra, Distt. Shahjahampur.	Miranpur Katra Distt. Shahjahampur
5. " Omrao Industrial Corpn. Ltd., 54, Mill Area, Kanpur.	Kanpur
6. " Prag Ice & Oil Mills Ltd., Barafkhana, Aligarh.	Aligarh
7. " Shri Chand Bipin Chandra Oil Mills, (Solvent Extraction Plant Undertaking), Chandausi.	Chandausi
8. " Shree Annapurna Industrial Co., Station Road, Mainpuri.	Mainpuri
9. " Sethia Oil Industries, Lucknow Road, Sitapur (U.P.)	Sitapur
<u>WEST BENGAL</u>	
1. M/s. Dulichand Omraolall, 4, Chittaranjan Avenue, Calcutta-13.	Calcutta

Name of the firms	Location of the Plants
<u>WEST BENGAL</u>	
2. M/s. Kusum Products Ltd., 9, Brabourne Road, Calcutta-1.	Rishra, Distt. Hoogly.
3. " Ramkumar Keiriwal & Co., Shellace Department, 24, Canal South Road, Calcutta-10.	Calcutta
4. " Swaika Oil Mills, 18-B, Brabourne Road, Calcutta-1.	Lillooah (Howrah)

## APPENDIX III.

List of import oilmillsAndhra Pradesh.

1. M/s. A.K. Appama Satty & Sons,  
Tumkur.
2. M/s. Andhra Cotton & Oil Mills  
R. Bhaskara Rao Co. Guntur.
3. M/s. Aryan Industries Ltd, 108, Walkar Town,  
F.B. No. 60, Secunderabad.
4. M/s. B. Rajendra Oil & Refinery, Hyderabad.
5. M/s. Bhikaji & Sons, Warrangal.
6. M/s. Dada Rice, Flour & Oil Mills  
Derabail Kochade.
7. M/s. Dayaram Surajinal Lahoti Oil Mills  
Secunderabad.
8. M/s. D. Venkata Pathi Chetty Oil Mills  
and Ginning Factory, Proddatur.
9. M/s. E. Iwadaka Pedda Venkata Subbaiah  
Pakeeraiah Oil Manufacturers  
Proddatur (Cuddapa Dist)
10. M/s. The Hyderabad Oil Industries,  
Jumekunta.
11. M/s. Jamal Mills, Ponduru (Andhra)



APPENDIX III (Contd.)

12. M/s. The Koppal Oil and Refineries Ltd.  
Kappal (Hyderabad)
13. M/s. Mamidi Elwa Rice & Oil Mills  
Warangal
14. M/s. Nooka Somanlingam and Kadur  
Swashatingam, Rice & Oils, Warangal
15. M/s. N. Vermaiah M. Vermaiah and Co. Oil Mills  
Yarranguntla
16. M/s. Pala Kurti Britchariah  
Warangal.
17. M/s. Shree Swadeshi Oil Mills  
Jadcharla
18. M/s. Shree Ram Oil Mills  
Kalluru D.S. Panidi Post.  
(Anantpur Dist.)
19. M/s. Siddamsethy Lingia Ganj  
Ramanathan, Warrangal.
20. M/s. Somisetty Oil Manufacturers  
Mydukur Road, Prodduttur P.O.  
Cuddapah.
21. M/s. Tungabhadra Industries Ltd.  
Kurnool.
22. M/s. Warangal Industries Ltd.  
Warangal.
23. M/s. Yusuff Nathoo and Sons Oils Mills  
Warangal.



APPENDIX III (Contd.)Assam.

1. M/s. Brahmaputra Mills Ltd.,  
Dergaon Jorhat (Assam).
2. M/s. Dhanua Mills Ltd,  
Gauhati.
3. M/s. G.K. Oil & Soap Industries,  
Meghji Bhawan, Behind Metro Cinema, Assam
4. M/s. Himat Singh-Ka Mills Ltd,  
Gauhati.
5. M/s. Onkar Oil Mills,  
Khubri (Assam).
6. M/s. Radhakrishna Rice & Oil Mills,  
Strand Road, Gauhati. (Assam)
7. M/s. Shree Dhanuka Mills Co. Ltd.  
Fancy Bazar, Gauhati.

Bihar.

1. M/s. Dhanraj Sagarmal Oil and Flour Mills,  
Sahibganj, Bihar.
2. M/s. Dharam Chand Rice & Oil Mills,  
Gulab Bagh (Purnea) Bihar.
3. M/s. Dwarka Dass Radha Kishan Oil Mills,  
P.O. Sahibganj (Bihar).
4. M/s. Galgalia Rice & Oil Mills,  
Galgalia (Purnea)
5. M/s. Gauri Shankar Mills Ltd.  
P.O. Lakhisarai, Monghyr.
6. M/s. The Great India Rice & Dal Oil Mills.  
Garhabanaiah (Bihar).

APPENDIX III (Contd.)

7. M/s. Hanuman Rice and Oil Mills.  
Kishanganj (Purnea)
8. M/s. Maturmal Dhannalal Oil Mills.  
Sahibganj (Bihar)
9. M/s. Pannalal Brijraj Oil Mills.  
Sahibganj (Bihar).
10. M/s. Ram Kishore Mills Ltd.  
Dhanbad (Bihar).
11. M/s. Ram Dayal Dey & Sons,  
Sahibganj. (Bihar).
12. M/s. Shree Anapurna Oil and Rice Mills,  
P.O. Raxual (Champaran) Bihar.
13. M/s. Shree Sita Ram Rice & Oil Mills Ltd.  
P.O. Bairagonia, Muzaffarpur. (Bihar).
14. M/s. Shiv Parbhti Dal, Rice & Oil Mills.  
Sultanganj. (Bihar).
15. M/s. Shree Beharji Mills Ltd, Patna.  
Ghat, Patna.
16. M/s. Shree Madev Mills (P) Ltd.  
Patna Ghat, Patna.
17. M/s. Thakar Ram Ganga Prasad Oil  
and Rice Mills Ltd.  
Darbhanga.

Delhi/Punjab

1. M/s. Amritsar Oil Works, G.T.Road,  
Amritsar.
2. M/s. Delhi Kanodia Oil Mills.  
Kauria Pul, Delhi.

APPENDIX III. (Contd.)

3. M/s. Jiwan Industries Ltd.  
69, Najafgarh Road, New Delhi.
4. M/s. Modi Oil and General Mills.  
Wandi Govindgarh (Punjab)
5. M/s. Patiala Starch and Chemical Works Ltd.  
Rajpura.
6. M/s. Shree Gopal Oil Mills.  
P.O. Jamunanagar, (Ambala).

GUJARAT.

1. M/s. Allana Oil Mills & Tin Factory  
Vervai (Kathiawar)
2. M/s. Bhavnagar Chemical Works (1946) Ltd.,  
Vartej (Kathiawar)
3. M/s. Bhavnagar Oil & Chemical Co. Ltd,  
Mahatma Gandhi Road, Bhavnagar,
4. M/s. Cutch Oil & Allied Industries (1849)  
Ltd. Kutch-Mandvi.
5. M/s. Gujarat Oil Mills and Mfg. Co. Ltd.  
Asarwa, Ahmedabad.
6. M/s. Indian Cotton Oil Mills,  
Vijapur (Taluka Navsari), Dist. Surat.
7. M/s. Jayant Oil Mills, Jamnagar.
8. M/s. Madhavji Kanji Ginning, Pressing and  
Oil Mills Factory,  
Shapur, Sorath.
9. M/s. Madhusudan Oil Products, Talol.
10. M/s. Madhusudan Vegetable Products Co. Ltd.  
Rakhial (Dist. Ahmedabad).
11. M/s. Mohamdi Oil Mills Limited.  
Bhad Road Gage, Mahuva.

APPENDIX III (Contd.)

12. M/s. Morvi Vegetable Products Ltd.  
Station Road, Morvi.
13. M/s. Sabarmati Oil Mills  
Ahmedabad - 5.
14. M/s. Shah Laxmichand Mithalal C/o.  
Shree Laxmi Oil Mills,  
Kundvar, Kapadwanj.
15. M/s. Shah Tribhuvandas Babubhai & Co.  
Oil Mills, Mahura.
16. M/s. Sree Ram Oil Mills  
P.O. Box No.130. Jamnagar.
17. M/s. Shree Saraswati Oil Mills  
Dahod.
18. M/s. Sri Krishna Oil Mills and Ginning  
Factory, Derol. (Panchmahal)
19. M/s. Shri Ambica Vijay Oil Mills.  
Outside Gaya Darwaji, Baroda.
20. M/s. Shri Saraswati Oil Mills and  
Ginning Factory,  
Kundwar, Kapadwanj.
21. M/s. Sonecha Oil Mills Ltd.  
Veraval,
22. M/s. Sonecha Oil Mills Ltd.  
Malia Hatina (Dist.Sorath)
23. M/s. Veraval Oil Mills, Bhalka Road,  
Veraval.
24. M/s. Vithal Oil Mills.  
F.B. No.104,  
Chanklandi, Baroda.



APPENDIX III (Contd.)KERALA.

1. M/s. Alleppey Sudarsana Oil Mills Ltd.  
Chungaon, Alleppey. (Kerala.)
2. M/s. Cochin Chemical and Refineries Ltd.  
Kozhippara P.O. Chittur. (Kerala).
3. M/s. Edappully Rice & Oil Mills.  
P.O. Kattoor, Via. Irinjalakuda (Kerala)
4. M/s. K.P. Lonappan & Sons, Irinjalakuda.
5. M/s. Neyarappalley Oil Mills.  
Shertally. (Kerala).
6. M/s. Popular Rice & Oil Mills.  
Irinjalakuda. (Kerala.)
7. M/s. Pothen Joseph & Sons,  
P.B. No. 20, Alleppey. (Kerala.)
8. M/s. Pathrose Rice & Oil Mills.  
Irinjalakuda. (Kerala).
9. M/s. Radhakrishna Oil Mills.  
Alleppey. (Kerala).
10. M/s. Shertalai Mills Ltd.  
Shertalai. (Kerala.)
11. M/s. St. Georges Oil Flour & Rice Mills,  
South Bazar Road,  
Irinjalakuda, (Kerala State),
12. M/s. Saroja Industries Ltd.  
Thodupuzha. (Kerala).
13. M/s. The Tata Oil Mills Ltd.  
Tatapuram, Ernakulam.



APPENDIX III (Contd.)

14. M/s. Thaliyath Rice & Oil Mills.  
Irinjalakuda. (Kerala.)
15. M/s. Vijay Oil Mills.  
Alleppey. (Kerala.)
16. M/s. Vallabhdas Kanji Limited.,  
P.B. No.21.  
Alleppey.

Madhya Pradesh:

1. M/s. Faruk Anvar Co. (Oil Mills Gajgarpeth)  
Raichur.
2. M/s. Malaiya Oil Mills,  
Saugar.
3. M/s. Padmavati Raje Cotton Mills Ltd.,  
Birlagram,  
Nagad. (Dist. Ujjain) M.P.
4. M/s. Rambilas Industries Ltd.,  
Rao. (Indore.)
5. M/s. The Rising Sun Flour & Oil Mills,  
Nilganga Road,  
Ujjain.
6. M/s. Standard Flour & Oil Mills,  
Ganj.
7. M/s. Shree Mansingka Oil Mills,  
Khandwa.
8. M/s. Shri Rajendra Jaipuria Oil Mills,  
Ginning Pressing,  
Bhavani Handi.

APPENDIX III (Contd.)Madras.

1. M/s. East Asiatic Co. (I) Ltd.,  
Etaiyamudali Street,  
Tondiarpet,  
Madras.
2. M/s. East Asiatic Co. (I) Ltd.,  
Rayapuram,  
Madras.
3. M/s. Guru Villa Oil Mills (G.Muthiah Nadar & Co.)  
Villupuram,  
Madras..
4. M/s. G. Ramaswamy and Company,  
Pappanaickanapalayam,  
Coimbatore.
5. M/s. Jamal Mills,  
Prop. Haji Shakoor.  
Haji Jamal Noor Mohd. Amaldalavalasa.  
Srikakulam.
6. M/s. Loka Shanmuga Perumal Ginning and Oil Mill.  
P.B. No.55,  
Shivapet,  
Salem.
7. M/s. Loka Shanmuga Perumal Oil Mills,  
P.B. No.55,  
Shivapet,  
Salem.
8. M/s. Maddi Sundersanam Oil Mills Co.,  
Guntur.
9. M/s. Madras Oil Mills and Products,  
2, West Mada Church Street,  
Rayapuram,  
Madras,

APPENDIX III (Contd.)

10. M/s. The Madras Vegetable Oils Ltd.,  
Ranipet.  
(N.Arcot Dist).
11. M/s. Massys Engineering Works & Oil Mills,  
Royapuram,  
Madras.
12. M/s. Mettur Chemicals & Industrial Corp'n Ltd.,  
Mettur Dam R.S.  
Salem Dist.
13. M/s. Motilal Hariprasad & Brothers Oil Mills.  
Guntur.
14. M/s. Mysore Vegetable Oil Products Ltd.,  
Cochran Basin Road,  
Washermanpet,  
Madras.
15. M/s. O.K. Oil Industries,  
Tindivanam,  
Madras.
16. M/s. Rallis India Limited,  
Oil Factory,  
Cuddalore.
17. M/s. Rallis India Limited,  
Oil Factory,  
Royapuram,  
Madras.
18. M/s. V.K. Ginning Factory and Oil Mills,  
Shevapet,  
Salem.

Maharashtra.

1. M/s. Ahmed Omerbhoy,  
Near Two tanks,  
P.B. No.4511,  
Bombay - 8.

APPENDIX III (Contd.)

2. M/s. Akbar Oil Mills and Industries Co.,  
Karanja.
3. M/s. Amrut Oil Mills Ltd.  
Opp. Firestone Company,  
Hay Bunder Road,  
Bombay.
4. M/s. Bharat Vanaspati Products Ltd,  
Pachora,  
(East Khandesh)  
Bombay.
5. M/s. Bombay Oil Industries Ltd.,  
50, Nsbit Road,  
Mazagaon,  
Bombay - 10.
6. M/s. Bombay Soap Factory,  
Ahmed Omer Street,  
Two tanks,  
Bombay.
7. M/s. Berar Swadeshi Vanaspati,  
Shegaon.
8. M/s. Berar Oil Industries,  
Vanasda Peth,  
Akola.
9. M/s. Bharat Vanaspati Products Ltd,  
Akola.
10. M/s. Dagli Oil Mills,  
Babula Tank Cross Lane,  
Bombay.
11. M/s. Dorwaha Oil Mills and Ginning Factory,  
Dorwaha,  
Dist. Yeotmal.  
Berar.



APPENDIX III (Contd.)

12. M/s. E.K. Oil Mills,  
10, Sitaflawadi,  
Mazagaon,  
Bombay - 10.
13. M/s. Excel Products,  
Jackoria Bunder Road,  
Sewree,  
Bombay - 15.
14. M/s. Gwalior Oil Mills,  
419-23, New Prabhadevi,  
Cadell Road,  
Bombay.
15. M/s. Gangaram Techchand Ginning Factory,  
Oil Mills and Pulse Mills,  
Malkapur,  
Dist. Buldana.
16. M/s. Goenka Oil Mills,  
Kamargaon Road,  
Karanja,  
Dist. Akola.
17. M/s. Hindustan Lever,  
Sewri Oil Mills,  
Bombay.
18. M/s. Importers Copra Crushing Industry Pvt. Ltd.,  
208, Samuel Street,  
Bombay.
19. M/s. Indu Oil and Soap Co.,  
235, Katha Bazar,  
Bombay.
20. M/s. Jai Bharat Oil Mills,  
Seksaria Chambers,  
139, Meadows Street,  
Bombay - 1.



APPENDIX III (Contd.)

21. M/s. Jayant Oil Mills,  
13, Sitafalwadi,  
Mount Road,  
Mazagaon,  
Bombay - 10.
22. M/s. Jai Hind Oil Mills,  
Katha Bazar,  
Bombay.
23. M/s. Kamani Oil Mills,  
Near Gas Company,  
Lal Baug,  
Bombay.
24. M/s. Khandalwal Bross and Co. Oil Mills  
and Ginning Factory,  
Khamgaon.
25. M/s. Khedia Ginning Factory and Oil Mills,  
Khamgaon.
26. M/s. Kirti Oil Mills,  
Latur.
27. M/s. Karachi Khoppra Mills,  
210-A, Ripon Road,  
Cross Lane,  
Madanpura,  
Bombay - 8.
28. M/s. Liberty Oil Mills,  
83, Jail Road,  
Bombay.
29. M/s. Madhav Oil Mills Ltd.,  
P.O. Madhavnagar,  
Bombay.
30. M/s. Mandlya Oil Mills,  
453, Duncan Road,  
Bombay.

APPENDIX III (Contd.)

31. M/s. Mansingka Industries Ltd.,  
Dondicha,  
(West Khamdesh)
32. M/s. New India Oil Mills,  
New Prabhadevi Road,  
Bombay.
33. M/s. New Kamal Oil Mills,  
Amravati,  
Bhaidas Cursondas and Co.
34. M/s. New Worli Oil Mills,  
Worli Nake,  
Bombay - 18.
35. M/s. Rallis India Ltd,  
(New Oil Mills)  
Off Signal Hill Avenue,  
Sewree,  
Bombay.
36. M/s. Rama Krishna Oil Mills Ltd.,  
29, Church Gate Street,  
Fort, Bombay - 1.
37. M/s. Raj Oil Mills,  
224-28, Bellassis Road,  
Bombay.
38. M/s. Raja Oil Mills,  
88, Masjid Bunder Road,  
P.O. No.5010.  
Bombay.
39. M/s. Raja Oil Mills,  
Dhamangaon R.S.  
Dist. Amravati.
40. M/s. Shrigankar Industries Limited.,  
392-E, Ward,  
Kolnapur,  
Shahupuri.

APPENDIX III (Contd.)

41. M/s. Shri Krishna Oil Mills,  
Sayani Road,  
Bombay - 28.
42. M/s. Shree Gajanan Oil Mills,  
351, Katha Bazar,  
Bombay.
43. M/s. Swastik Oil Mills Limited,  
Wadala, Salt Pan Road,  
Bombay.
44. M/s. Shree Ganesh Oil Mills,  
111, Javahar Nagar,  
Bombay.
45. M/s. Shree Gujarat Oil Mills,  
Barsi.
46. M/s. Sonawala Industries Ltd.,  
137 Sheik Meman Street,  
Bombay.
47. M/s. Shree Nath Ginning Factories & Oil Mills.  
Thasra.  
(Khandesh)
48. M/s. Tata Oil Mills Co. Ltd.,  
Bombay House,  
Bruce Street,  
Fort,  
Bombay - 1.
49. M/s. Ulhas Oil and Chemical Industries Ltd.,  
Apollo Street,  
Fort, Bombay - 1.
50. M/s. Vegetable Vitamins Food Co. Ltd.  
Plot No.109, Sion, Bombay.
51. M/s. Walchandnagar Industries Ltd.  
Walchandnagar. (Bombay.)
52. M/s. Western India Vegetable Products Ltd.  
Avalber. (East Khandesh.)

APPENDIX III (Contd.)MYSORE.

1. M/s. B.K.I.K.F. Abbigeri Oil Mills & Co.  
Cotton Market Road, Gadag(Dharwar).
2. M/s. Brahamappa Tavanappanavar Ltd,  
P.B. No.22, Mysore.
3. M/s. Dayaram Surajmal Oil Mills,  
Gulbarga.
4. M/s. Mysore Vegetable Products Ltd.  
P.B.No.1, Bangalore City.
5. M/s. Rallis India Ltd, (Hubli Oil Mills)  
Coen Road, Hubli.
6. M/s. Rallis India Ltd., Oil Mills.  
Guntakal.
7. M/s. Ravi Vegetable Oil Industries,  
Davangere.
8. M/s. Shivanand Oil Mills.  
Gulbarga.

ORISSA.

1. M/s. Biswanath Rice Mills Ltd.  
P.O. Jatni. (Dist. Puri)

RAJASTHAN.

1. M/s. Bikaner Oil Mills, Industrial Area,  
Bikaner.



APPENDIX III (Contd.)UTTAR PRADESH.

1. M/s. Amrut Oil & General Mills.  
Koshi-Kalan.
2. M/s. Banshidar Premsukhdas Oil Mills,  
Hewett Park Road, Agra.
3. M/s. Basantlal Hiralal Oil Mills.  
Subhas Road, Aligarh.
4. M/s. Bindki Rice & Oil Mills, Nayganj.  
Kanpur.
5. M/s. Chittarmal Ram Dayal Oil Mills,  
Pt. Motilal Nehru Road, Agra.
6. M/s. Omrao Industrial Corpn Pvt. Ltd.  
50, Mill Area, Kanpur.
7. M/s. Ganga Oil Mills, Cooperganj,  
Kanpur.
8. M/s. Ganges Oil Mills, 365, Harrisganj.  
Kanpur.
9. M/s. Gauri Oil Mills, Bullandshahr.
10. M/s. J.K. Oil Mills Ltd. P.B.No. 79,  
Cooperganj, Kanpur.
11. M/s. Juggal Kishore Mukatlal Cotton and Oil Mills,  
Khurja. (U.P.)
12. M/s. Kamalapat Motilal Oil Mills.  
P.O. Box No.69, Kanpur.
13. M/s. Kosi Oil and General Mills.  
Kosi Kalan (Mathura)
14. M/s. Madhusudan Oil Mills.  
Hewett Park Road, Agra.



APPENDIX III (Contd.)

15. M/s. Mahabir Oil Mills,  
P.O. Sahjanwa. (Dist. Gorakhpur)
16. M/s. Matadin Bhagwandas Oil Mills,  
Sansi Gate, Hathras.
17. M/s. Maturmal Dhannalal Oil Mills,  
Sansi Gate, Hathras.
18. M/s. Modi Oil Mills,  
Modinagar. (Meerut)
19. M/s. New Cawnpore Flour Mills,  
8212, Cooperganj, Kanpur.
20. M/s. Nihal Chand Kishorilal Oil Mills,  
Bans Mandi, Kanpur.
21. M/s. Pahaladari Oil Mills,  
Juhi, Kanpur.
22. M/s. Prag Ice and Oil Mills,  
Aligarh. (U.P.)
23. M/s. Phaphaman Oil Soap & Silicate Mills,  
Phaphaman. Allahabad.
24. M/s. Rajendra Prasad Oil Mills,  
Juhi, Kanpur.
25. M/s. Ramdas Manohardas C/o Manohar Oil  
Mills and Engg. Works,  
Kharagpuria House,  
Mutthiganj, Allahabad.
26. M/s. Ramanarian Gopal Prasad Oil Mills  
Flour Mills, Rice Mills.  
Harisganj, Kanpur.
27. M/s. Seth Radhakishan Mills.  
Ambala Road, Saharanpur (U.P.)
28. M/s. Shree Panna Mills,  
Mojahidpur. (Bhagalpur)

APPENDIX III (Contd.)

29. M/s. Shree Rice & Oil Mills,  
(Section-D) Bahraich.
30. M/s. Shree Umashankar Mills Ltd.  
Patel Babu Road, Bhagalpur - 2.
31. M/s. Shree Ram Mahadeo Prasad Oil Mills  
Flour Mills, Rice Mills,  
Harisganj, Kanpur.
32. M/s. Shree Shyamnath Mills Ltd.  
Thompsanganj, Sitapur.
33. M/s. Shri Mahalakshmi Oil Mills Ltd.  
Jeoni Mandi, Agra.
34. M/s. Shri Rameshwar Oil Mills,  
Jamna Bank Road, Allahabad.
35. M/s. Tata Oil and Ginning Mills,  
Hapur.
36. M/s. Tikaram & Sons Oil Mills,  
Aligarh.
37. M/s. U.P. Oil Industries Ltd. Aish Bagh,  
Lucknow.

WEST BENGAL.

1. M/s. Ashutosh Oil Mills,  
242/1, Upper Circular Road,  
Calcutta - 4.
2. M/s. Bhagat Oil Mills,  
Chittaranjan Avenue,  
Calcutta.
3. M/s. Bhagat Oil Mills,  
32/4, Shitya Prashad Street,  
Calcutta.

APPENDIX III (Contd.)

4. M/s. Bengal Oil Mills,  
178, Mahatma Gandhi Road,  
Calcutta.
5. M/s. Duli Chand Omrao Lal Oil Mills,  
Hindustan Building,  
4, Chittaranjan Avenue,  
Calcutta - 13.
6. M/s. Gour Mohan Oil Mills,  
73/6, Grey Street,  
Calcutta - 6.
7. M/s. Howrah Oil Mills (P) Ltd.  
21, Rupchand Street,  
Calcutta - 7.
8. M/s. Imperial Oil Mills Ltd.  
165, Lower Chitpur, Calcutta.
9. M/s. Kashi Udyog Ltd.  
153, Upper Circular Road,  
Calcutta.
10. M/s. Lakshmi Oil Mills,  
15, Shiv Thakur Lane, P.B. No.6719,  
Calcutta - 7.
11. M/s. Mohan & Co. Ltd.  
44, Beadlon Raw Calcutta.
12. M/s. Shri Shiva Gauri Oil Mills,  
234/2, Upper Circular Road,  
Calcutta.
13. M/s. Swaika Oil Mills Ltd.  
Lillcoah, Howrah.
14. M/s. Tincori ~~Sa~~dhukhan and Sons.  
242/2, Upper Circular Road,  
Calcutta.

APPENDIX IVCOTTONSEED OIL INDUSTRY

Name of the firm	Location of the Plant
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ANDHRA PRADESH

- |   |       |
|---|-------|
| 1. M/s. Alimchand Topandas Oil Mills,<br>P.B.No.46, Ahur Road<br>Adoni                                    | Adoni |
| 2. M/s. The Adoni Fertilisers Mfrs.,<br>Madhyaram Road, P.B.No.28<br>Adoni (T.G. Lakshmayya Setty & Sons) | Adoni |

GUJARAT STATE

- |  |           |
|--|-----------|
| 1. M/s. Ashok Oilcake Industries,<br>P.B.No.36, Vadai Road<br>Junagadh           | Junagadh  |
| 2. M/s. Bhavnagar Vegetable Products Ltd.<br>Bunder Road, P.B.No.28<br>Bhavnagar | Bhavnagar |
| 3. M/s. Bhovanbhai Gokalbhai Oil Mill<br>Kolki Road, Upleta                      | Rajkot    |
| 4. M/s. Bharat Oil Mill Co.<br>Vadai Road<br>Junagadh                            | Junagadh  |
| 5. M/s. Madhugopal Co.<br>Satta Bazar Hall<br>Veraval                            | Veraval   |



Name of the firm	Location of the Plant
6. M/s. Dipak Solvent Extraction Industries, Manavadar, Dist. Junagadh	Manavadar
7. M/s. Dipak Oil Mills, Junagadh Road, Dhoraji	Dhoraji
8. M/s. Dinesh Kumar & Co. 22, New Association Building Dhoraji, Dist. Rajkot	Dhoraji
9. M/s. Dipak Industries Opp. Savita Baugh P.B.No.1 Junagadh.	Junagadh
10. M/s. Javer Jivan Mehta Mahatma Gandhi Road Billimora (W.Rly.) Dist. Bulsar	Billimora
11. M/s. Jagdish Oil Industries Vadal Road Junagadh	Junagadh
12. M/s. Manavadar Ice & Gin Mill Co., (Mohanlal Nathalal Patel), Mitdi Road Manavadar	Manavadar
13. M/s. Madhusudan Vegetable Products Co. Ltd. Rakhial Station, Taluka Dehgam, Dist. Ahmedabad.	Rakhial Stn. Dist. Ahmedabad
14. M/s. Patel Bhovanbhai Gokalbhai Oil Mills Co. 10 Lati Plot Rajkot.	Rajkot



Name of the firm	Location of the Plant
15. M/s. Patel Oil Mill Kadia Plot Porbandur	Porbandur
16. M/s. Patel Mohanlal Thakarshi Oil Mills Co. 34, Commercial Chamber Rajkot	Rajkot
17. M/s. Prabhat Solvent Extraction Industries Rajendra Road Manavadar	Manavadar
18. M/s. Purshotamdas Nathabhai & Sons Himatnagar	Himatnagar
19. M/s. Prakash Trading Co. Rajmahal Road Veraval, Dist. Junagadh	Veraval
20. M/s. Shree Krishna Oil Mills P.O.Box No.8 Dhoraji	Rajkot
21. M/s. Shree Dhoraji Gin Mill Co. P.B.No.4 Dhoraji	Dhoraji
22. M/s. Shree Khedot Oil Mill Co. Motinarad.	Nirmalnagar, Bhavnagar
23. M/s. Shah Keshavlal Ghelabhai 21, New Assn. Building P.B.No.2 Dhoraji	Dhoraji
24. M/s. Sonecha Oil Mills (P) Ltd. Junagadh Road Veraval	Veraval

Name of the firm	Location of the Plant
25. M/s. Shree Krishna Oil Mills P.O.Box No.49 Dhoraji	Rajkot
26. M/s. Talkashi Lalji & Co. P.B.No.5 Veraval	Veraval (Expansion)
27. M/s. Upleta Gin Mill Co. Kolki Road, Upleta	Upleta, Dist.Rajkot
28. M/s. Vilas Udyog Ltd. 215-17, Kalbadevi Road Bombay.	Jamnagar
29. M/s. Mayur Ginning Factory Kolki Road, Upleta, Dist. Rajkot	Upleta
30. M/s. Shree Swastik Oil Mills Ambavadi Road, Dhoraji	Dhoraji
31. M/s. Velani Oil Mills 6, New Assn. Bldg. Dhoraji	Dhoraji
32. M/s. Dijas Cottonseed Oil Industry Industrial Area Wadhwan City.	Wadhwan City

Name of the firm	Location of the Plant
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HARYANA

- |   |       |
|---|-------|
| 1. M/s. Laxmi Industries<br>10, Bruce Street<br>2nd Floor, Fort,<br>Bombay. | Hansi |
| 2. M/s. B.G. Finance & Industries Ltd.<br>Sirsa.                            | Sirsa |

MADRAS STATE

- |  |            |
|--|------------|
| 1. M/s. East Asiatic Co. (India) Ltd.<br>Mercantile Building<br>P.B.No.147<br>Madras | Tondiarpet |
| 2. Sri Ranga Vilas Ginning & Oil Mills<br>P.B.No.151<br>Coimbatore.                  | Coimbatore |

MADHYA PRADESH

- |  |         |
|--|---------|
| 1. M/s. Shree Mansingka Oil Mills Ltd.<br>Khandwa.   | Khandwa |
| 2. M/s. The Madhya Pradesh State Industries<br>Co-operation Ltd.<br>P.B.No.31<br>Maksi Road<br>Ujjain. | Ujjain  |

Name of the firm	Location of the Plant
<u>MAHARASHTRA STATE</u>	
1. M/s. Akola Cottons Oil Mills Lakadganj Road Akola.	Akola
2. M/s. Amalner Oil & General Mills P.B.No.50 Amalner	Amalner
3. M/s. Ali Bhai Vishram Oil Mills P.B.No.7 Malipura Akola.	Akola
4. M/s. Berar Oil Industries Vanasdapath Akola	Akola
5. M/s. Bashir Oil Mills Warora, Dist. Chanda.	Warora
6. M/s. Bharat General & Textile Industries Ltd. Dhamangaon.	Dhamangaon
7. M/s. Gulab Chand Oil Mills Badnera, M.S.	Badnera
8. M/s. Hanuman Oil Mills Ltd. Khamgaon	Khamgaon
9. M/s. Khimji Bhanji & Co. 29, Keshavji Naik Road Bombay.9.	Latur, Dist. Osmanabad
10. M/s. Liberty Oil Mills 33, Narsingpur Jail Road (South) Bombay-9.	Bombay



Name of the firm	Location of the Plant
11. M/s. Lakshmi Industries 10, Bruce Street, Fort, Bombay.	Amravati
12. M/s. Mansingka Industries (P) Ltd. Pachora	Pachora
13. M/s. Mohanlal Sunderji Ginning & Pressing Mill P.B.No.47 Khamgaon	Khamgaon
14. M/s. New Vijay Oil & Dal Mills (P) Ltd. Amravati	Badvera
15. M/s. Patel & Co. Shivajinagar Sangli.	Shivajinagar
16. M/s. Prabhat Oil Mills Wardha	Wardha
17. M/s. Prakash Vegetable Oil Products P.B.No.2, Wardha	Wardha
18. Shree Mansingka Oil Mills (P) Ltd. College Road Amravati	Amravati
19. Shree Ram Cottonseed Industries (P) Ltd. Shree Niketan 99, Marine Drive Bombay.	Khamgaon
20. Shree Gajanan Oil Mill 351 Katha Bazar Bombay-9	Bombay



Name of the firm	Location of the Plant
21. The New Kamal Oil Mills Cottons Market Road Amravati	Amravati
22. M/s. Vegetable Oils Mfg. Co. (P) Ltd. Badnera	Badnera
23. M/s. Vegetable Vitamin Food Co. (P) Ltd. Plot No.109, Sion, Bombay	Bombay
24. M/s. Hindustan Lever Ltd. Scindia House, Dougall Road Ballard Estate Bombay.	Sewri
25. M/s. Jai Hind Oil Mills Co. 387-389, Narsinatha Street Bombay-9	Bombay

MYSORE STATE

1. M/s. Rani Vegetable Oil Industries P.B.No.27 Davangere	Davangere
2. M/s. S.B. Mangalwadhe Oil Mills Vijay College Road Bijapur	Bijapur
3. M/s. Sundatta Foods & Fibres Ltd. Karwar Road P.B.No.27 Hubli	Hubli
4. M/s. T. Chandranna & Co. Davangere	Davangere

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Name of the firm	Location of the Plant
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WEST BENGAL

- |  |                          |
|--|--------------------------|
| 1. M/s. Kusum Products Ltd.<br>Guru Garden Road<br>P.O. Rishra<br>Dist. Hooghly<br>W. Bengal | Rishra,<br>Dist. Hooghly |
|--|--------------------------|

CENTRALLY ADMINISTRATIVE

- |   |            |
|---|------------|
| 1. M/s. Diwan Oil Mills<br>93-94, Industrial Area<br>Chandigarh | Chandigarh |
|---|------------|



APPENDIX V

List of Importers, Shippers, Agents, Manufacturers of Compound feeds and related Associations in Importing Countries

UNITED KINGDOM

i) Shippers

1. Armour & Co. Ltd.,  
International House,  
193, St. John Street,  
London E.C.1.
2. Ba Han & Co. Ltd.,  
10, Rangoon Street,  
London, E.C.3.
3. Bailey, T.D. & Son, Ltd.  
9, St. Helen's Place,  
London E.C.3.
4. Bakubhai & Ambalal Ltd.,  
24, St. Mary Axe,  
London, E.C.3.
5. Bastone & Firminger Ltd.,  
70, Finsbury Pavement,  
London, E.C.2.
6. Begbie, Phillips & Hayley Ltd.,  
16, Byward House,  
London, E.C.3.
7. Berg V. & Sons Ltd.,  
Colonial House,  
24/25, Mark Lane,  
London, E.C.3.
8. Blyth, Greene, Jourdain & Co. Ltd.,  
Plantation House,  
Fenchurch Street,  
London, E.C.3.

Contd...

9. Boam Produce (Overseas) Ltd.,  
Corn Exchange Building,  
52/57, Mark Lane,  
London, E.C.3.
10. Bowring C.T. & Co. Ltd.,  
The Bowring Building,  
Tower Place,  
London, E.C.3.
11. Boyd, David T. & Ltd.,  
24, Eastcheap,  
London E.C.3.
12. Bramwell, S. & Co. Ltd.,  
4, Broad Street Place,  
London E.C.2.
13. Bunge & Co. Ltd.,  
Bunge House, St. Mary Axe,  
London, E.C.3.
14. Carapanayoti & Co. Ltd.,  
19, Eastcheap,  
London, E.C.3.
15. Chemicals and Feeds Ltd.,  
Adelaide House,  
King William Street,  
London, E.C.4.
16. Continental (London), Ltd.,  
Creechurch House,  
Creechurch Lane,  
London E.C.3.
17. Cookson Oilcakes & Oilseeds Co. Ltd.,  
Plantation House,  
Mincing Lane,  
London E.C.3.
18. Derby & Co. Ltd.,  
11/12, St. Smithin's Lane,  
London, E.C.4.

Contd.....



19. Dreyfus, Louis Co. Ltd.,  
City Gate House, Finsbury Square,  
London, E.C.2.
20. Duncan Fox & Co. Ltd.,  
St. Alphage House,  
Fore Street,  
London, E.C.2.
21. East Indian Produce Co. Ltd.,  
14, Berkeley Street,  
Berkeley Square,  
London, W.I.
22. European Grain & Shipping Ltd.,  
16, Finsburg Circus,  
London, E.C.2.
23. Faure Fairclough, Ltd.,  
Baltic Exchange Chambers,  
14/20 St. Mary Axe,  
London E.C.3.
24. Fehr, Frank, & Co. Ltd.,  
10/14, Duke's Place,  
London, E.C.3.
25. Fergus Williamson Company Ltd.,  
Turban House,  
36/38, Botoeph Lane,  
Eastcheap,  
London, E.C.3.
26. Fuerst Day, Lawson Ltd.,  
1, Leadenhall Street,  
London E.C.3.
27. Gellatly, Hankey & Co. Ltd.,  
Dixon House,  
1, Lloyds Avenue,  
London, E.C.3.
28. Gibbs, Antony (Commodities) Ltd.,  
22, Bishopsgate,  
London, E.C.2.

Contd...

29. Gilbert, J.C.Ltd.,  
Columbia House;  
Aldwych,  
London, W.C.2.
30. Gillespie Bros & Co. Ltd.,  
Ling House,  
Dominion Street,  
London, E.C.2.
31. Gladstone Wyllie & Co.,  
36, Lime Street,  
London, E.C.3.
32. Goldschmidt, Card, Ltd.  
23/25, Billiter Street,  
London, E.C.3.
33. Goldschmidt J.A. Limited,  
Dunster House,  
Mincing Lane,  
London, E.C.3.
34. Gordon, Woodroffe & Co. Ltd.,  
U.C.M. House,  
3/5, Swallow Place,  
Princess Street,  
London, W.I.
35. Gunson, R.W. (Exports) Ltd.,  
20/21, St. Dunstan's Hill,  
London, E.C.3.
36. Haim N. & L. Ltd.,  
18, Wycombe Gardens,  
London, N.W.11.
37. Hoko Trading Co. Ltd.,  
Plantation House,  
Mincing Lane,  
London, E.C.3.
38. Hosegood, Henry & Son, Ltd.,  
22, Queen Square,  
Bristol, 1,
39. Jakober, Michael (Feedingstuffs) Ltd.

40. Kian Gwan (U.K.) Limited,  
Peek House,  
20, Eastcheap,  
London, E.C.3.
41. Kurkjian, S.N.  
1, Leadenhall Street,  
London, E.C.3.
42. Kuypers, Ostler & Scott (Hull) Ltd.,  
20, Albion Street, Hull, E. Yorks.
43. Lane, Henry A. & Co. Ltd.,  
37/45, Tcoley Street,  
London, S.E.1.
44. Lewis & Peat (Produce) Ltd.,  
Plantation House,  
Mincing Lane,  
London, E.C.3.
45. McCanl, Gilbert J. (Overseas) Ltd.,  
Kempson House,  
35/37, Camomile Street,  
London, E.C.3.
46. Macpherson, Train & Co. Ltd.,  
Jayport House,  
69/85, Old Street,  
London, E.C.1.
47. Marubeni-Iidia Co., Ltd.,  
Moor House,  
London Wall, London, E.C.2.
48. Mennim, Collins & Company,  
Finsbury Court,  
Finsbury Pavement, London, E.C.2.
49. Mitchell Cotts & Co., Ltd.,  
Cots House, Comomile Street,  
London, E.C.3.
50. Mulder, K.J. & Co. Ltd.,  
Plantation House,  
Mincing Lane,  
London, E.C.3.

Contd...

51. New Zealand Refrigerating Co. (London) Ltd.,  
Canterbury House,  
1/4, Giltspur Street,  
London E.C.1.
52. Overseas Buyers Ltd.,  
Monotype House, Felter Lane,  
London, E.C.4.
53. Pantraco Limited,  
5, Fenchurch Street,  
London, E.C.3.
54. Protein Feeds Ltd.,  
36/54, Talbot Street,  
Belfast BT1 2 LF,  
N. Ireland.
55. Pyke, Joseph, & Son (Liverpool) Ltd.,  
National Bank Building,  
24, Fenwick Street,  
Liverpool 2.
56. Ralli Bros., Ltd.,  
Ralli House,  
30, St. Paul's Churchyard,  
London E.C.4.
57. Rayner, J.H. & Co., Ltd.,  
3/4, Bevis Marks,  
St. Mary Axe,  
London, E.C.3.
58. Richardson, James & Sons (Overseas) Ltd.,  
7, Union Court,  
London, E.C.2.
59. Rudbeck, H. & Co. Ltd.,  
Oakfield House,  
Perrymount Road,  
Haywards Heath Sussex.
60. S.A.C. Produce Ltd.,  
5, Lloyds Avenue,  
London E.C.3.

Contd....



61. Schwazz & Co. (Grain) Ltd.,  
Battlebridge House,  
87/95, Tooley Street,  
London, S.E.1.
62. Smith, Coney & Barrett (Liverpool) Ltd.,  
Audrey House,  
5/7 Houndsditch,  
London E.C.3.
63. Smyth, Ross T., & Co. Ltd.,  
Colchester House,  
Pepys Street,  
London, E.C.3.
64. Steel Brothers & Co. Ltd.,  
Chesterfield House,  
26/28, Fenchurch Street,  
London E.C.3.
65. Stoneley, W. & Co. Ltd.,  
Cotton Exchange Building,  
Old Hall Street,  
Liverpool 3.
66. Tata Limited,  
18, Grosvenor Place,  
London, S.W.1.
67. Tradax, England Ltd.,  
Kempson House,  
35/37, Camomile Street,  
London, E.C.3.
68. Union Merchants (Overseas) Ltd.,  
718, Idol Lane, London, E.C.3.
69. Vavasseur, J.H. & Co. Ltd.,  
15/16, American Square,  
London, E.C.3.
70. Wallace Brothers Commodities Ltd.,  
4, Crosby Square,  
London, E.C.2.

Contd.. .....



71. Wazir Ali (G.B.) Ltd.,  
Capel House,  
New Broad Street,  
London, E.C.2.
72. Wills, George & Sons Ltd.,  
32/38, Duke's Place,  
London, E.C.3.
73. Yuills Limited,  
Botolph House,  
10, Eastcheap,  
London, E.C.3.

ii) Compound Cake and Concentrate Manufacturers

1. Associated Feed Manufacturers Limited,  
35-39, York Road,  
Belfast 15.
2. Barkers & Lee Smith Ltd.,  
Barkers Mills,  
Beverley,  
Yorkshire.
3. Bartholomews (Chichester) Ltd.,  
North Street,  
Chichester.
4. Berks, Bucks & Oxon Farmers, Ltd.,  
Twyfard Mills,  
Berks.
5. Bibby J. & Sons, Ltd.,  
King Edward Street,  
Liverpool.
6. Bravtom, Shirley & Co. Ltd.,  
71/73, Vicarage Crescent,  
Baller Sea,  
London S.W.11.
7. British Field Products Ltd.,  
Walsingham,  
Norfolk.

Contd.....

8. British Oil & Cake Mills, Ltd.,  
Abbion Wharf,  
Erith, Kent.
9. British Provimi Co., Ltd.,  
Imperial Wharf,  
245, Tunnel Avenue,  
Greenwich,  
London, S.E.10.
10. Brooks (Mistley) Ltd.,  
The Maltings,  
Manningtree  
Essex.
11. Chambers and Fergus Ltd.,  
189-197, Wincolmles,  
Hull, E.Yorks.
12. Griddle & Co. Ltd.,  
Imperial Mill,  
Ellesmere Port,  
Cheshire.
13. Crosfields & Bodey Ltd.,  
10, River Street,  
Briston, 2.
14. Crosfields & Calthrop, Ltd.,  
Vauxhall Road,  
Liverpool, 5.
15. Dobell, G.C. & Co. Ltd.,  
Corn Exchange Buildings,  
Fenwick Street,  
Liverpool, 2.
16. Duke, James & Son, Ltd.,  
Abbey Mill,  
Bishops Waltham,  
Southampton.
17. Eastern Counters Farmers Ltd.,  
86, Princess Street,  
Ipswich,  
Suffalk.

Contd.....

18. Eves, V.W. & Co.,  
( A Division of Forestal Industries (U.K.) Ltd.  
Belta Works,  
Fowler Road,  
Hainault,  
Essex.
19. Farmers' Marketing & Supply Co. Ltd. The,  
Silverthorn Lane,  
Bristol, 2.
20. Feeding Stuff & Fertilisers,  
(London) Ltd.,  
50, London Fruit Exchange,  
Brushfield Street,  
London, E.C.3.
21. Glaxo Laboratories Ltd.,  
Greenford Road,  
Greenford,  
Middlesex.
22. Greenwood & Nicholl, Ltd.,  
The Corn Exchange,  
Fenwich Street,  
Liverpool, 2.
23. Hill, Christopher, Ltd.,  
P.O. Box 6,  
The Quay,  
Poole,  
Dorset.
24. Holgate, Wm & Sons, Ltd.,  
37, Bankhall Street,  
Liverpool, 20.
25. Kingsford & Co. (Millers) Ltd.,  
Barton Mills,  
Canterbury,  
Kent.
26. Lee Barber, John & Co. Ltd.,  
North Quay,  
Great Yarmouth.

Contd.....

27. Lever's Feeds Ltd.,  
Wood Street,  
Bebington,  
Cheshire.
28. McGregor & Co. (Leith) Ltd.,  
Quayside Mills,  
Leith,  
Edinburgh 6.
29. Marshall, Wm. E., Ltd.,  
Daltor Street,  
Hull, E. Yorks.
30. Molassine Co., Ltd., The,  
215, Tunnel Avenue,  
East Greenwich,  
London, S.E.10.
31. Morrell George & Sons Ltd.,  
Bank Chambers,  
Lowgate, Hull.
32. Nitrovit Limited,  
142, Fenchurch Street,  
London, E.C.3.
33. Palmer, George A. Ltd.,  
Wykin,  
Hinckley,  
Leics.
34. Pauls Foods Ltd.,  
P.O. Box No.39,  
Ipswich,  
Suffolk.
35. Premier Feeds,  
Ann Watson Street,  
Stoneferry, Hull.
36. Radnorshire Company Limited,  
Kwighton,  
Rednorshire.

Contd.....



37. Rank, Joseph, Ltd.,  
Millocrat House,  
Eastcheap,  
London, E.C.3.
38. Sadlers (Chichester) Ltd.,  
The Corn Exchange,  
Chichester,  
Sussex.
39. Scottish Agricultural Industries Limited,  
39, Palmerston Place,  
Edinburgh 12.
40. Spillers Ltd.,  
Old Change House,  
Cannon Street,  
London E.C.4.
41. Thompson, John & Sons, Ltd.,  
Donegall Quay Mills,  
Belfast.
42. Vitamins Limited,  
23, Upper Mall,  
Hammersmith,  
London W.6.
43. Vitons Limited,  
154, Grosvenor Road,  
London, S.W.1.
44. Whey Products, Ltd.,  
35, Crutched Friars,  
London, E.C.3.

iii) Association

1. The Cattle Food Trade Association Inc.,  
Audrey House,  
5/7 Houndsditch  
London, E.C.3.

Contd....



BELGIUM

48 63

i) Shippers

1. Andre et Cie. S.A. Belge,  
27, Lange Nieuwstraat  
Antwerp.
2. Bunge and Co. N.V.,  
21, Arenbergstraat,  
Antwerp.
3. Cie Continentale d'Importation  
Fribourg and Co.,  
44, Lange Nieuwstraat,  
Antwerp.
4. Louis Dreyfus and Co.,  
30, Meir - Antwerp.
5. Agence Nidera,  
13, Korte Clarenstraat,  
Antwerp.
6. N.V. Tradax (du Groupe Cargill - USA),  
54, St. Kathelijnevest,  
Antwerp.
7. N.V. Goorden Import Cy.,  
1, Melkerlijstraat,  
Schoten.
8. N.V. Agricola,  
10, Korte Clarenstraat,  
Antwerp.
9. Geb, Van Der AA and Co.,  
21, Kipdorp,  
Antwerp.
10. N.V. Comanina,  
13, Korte Clarenstraat,  
Antwerp.
11. Van Laere and Vanden Avenne,  
12, Zuidkaai,  
Isegem.

Contd....

12. Bracht and Co. N.V.,  
21, Arenbergstraat,  
Antwerp.
13. A. and V. Claessens,  
30, Lange Nieuwstraat,  
Antwerp.
14. N.V. Jean Delvaux  
21, Schuttershofstraat,  
Antwerp.
15. Huybrechs Freres PVBA,  
53, Lange Nieuwstraat,  
Antwerp.
16. Gebr. Naeyaert  
48, Kattenberg,  
Borgerhout.
17. Belgische Boerenbond,  
13/5, Beddenstraat,  
Antwerp.
18. N.V. Segers and Aernouts,  
44, Meir,  
Antwerp.
19. Van Osselaer and Co.,  
11a, Wiegstraat,  
Antwerp.

ii) Agents

1. Comptoir Agimax S.P.R.L.,  
6, Kolvenierstraat,  
Antwerp.
2. Boender and Truyts PVBA,  
15, Meir,  
Antwerp.
3. R. Boone,  
49, Meir,  
Antwerp.

Contd.....

4. Marcel N. Jonckheer PVBA,  
21, Kipdorp,  
Antwerp.
5. Limborgh and Co. S.A.,  
8, Lange Clarenstraat,  
Antwerp.
6. E. Van Damme,  
320, Avenue Prince Baudouin,  
Edegem.
7. J. Van Den Dries and Co. N.V.,  
1, Meirbrug,  
Antwerp.

iii) Compound Feed Manufacturers

1. Van Laere and Vanden Avenne,
2. Fa. Van Helmont,  
Oude Kom,  
Hasselt.
3. Gebr. Van Praet PVBA,  
22, Godefriduskaai,  
Antwerp.
4. Belgische Boerenbond,  
13/5, Beddenstraat,  
Antwerp.
5. N.V. Versello,  
62, Kapellestraat,  
Astene,  
and: Oude Vaartkom, Hasselt.
6. A.C.B.I.,  
Java-Seilles,  
by Bas-Oha.
7. F.V.B.A. Voeders Cloet,  
42, Paanderstraat,  
Deerlijk.

Contd.....

8. N.V. Bloemmolens Ant. Coppens,  
70, Guldensporenlei,  
Turnhout.
9. Voeders Debaere,  
79, Gentstraat,  
Hareibeke.
10. Voeders Kinders Debaillie,  
26, Astridlaan,  
Lichterweide.
11. N.V. Voeders Depre,  
34, Dorpstraat,  
Beernem.
12. S.A. Usines De Stordeur,  
98, Chaussee d'Aerschot,  
Wilsele/Louvain.
13. S.A. les Moulins de Deynse,  
Deynse.
14. N.V. Ets Dossche,  
Vaartdever,  
Deynse.
15. N.V. Voeders Hanekop,  
79, Veldstraat,  
Roulers.
16. Hendrix Pluimvee,  
En Veevoederfabriek,  
1, Noordkaai,  
Merksem.
17. N.V. Hens' Voeders,  
90, Wasserijstraat,  
Schoten,
18. N.V. Jos Laga-Houtekier,  
Rechtersvaartoever,  
Roulers.
19. S.A. des Usines Remy,  
Wijgmaal.

Contd....



20. N.V. Seghers' Voeders,  
36, Briel,  
Baasrode.
21. N.V. Oude Firma Talpe,  
196, Spanjestaart,  
Roulers.
22. Gebroeders Vanden Avenne,  
120, Oostrozebekestraat,  
OOIGEM.
23. N.V. 'sires L. Vandenberch,  
24, Aarschotsesteenweg,  
Wilsele/Louvain.
24. De Morgenstond, Verbrugge Brs. and Zr.  
14, Hodfries,  
Tiegem.

iv) Associations

1. Chambre Syndicate dn Commerce en,  
Aliments pour betail, riz et legumes sees:  
S.V.R.P.  
-19, MEIR, ANVERS.
2. Association Professionnelle des Fabricants  
d'aliments Compose's pour Animaux,  
-27 rue des paroissiens - Brussels.

FRANCE

i) Importers

1. Comptoir Commercial Andre et Cie.,  
4, bis, rue du Bouloi  
Paris 1<sup>er</sup>.
2. Blanc et Fils, S.A.,  
27, Quai Jean Moulin  
Lyon (Rhône)
3. Societe Francaise Bunge  
1, rue des Italiens,  
Paris 9<sup>e</sup>.

Contd.....



4. Compagnie Continentale (France),  
8, rue Cambaceres  
Paris 8<sup>e</sup>.
5. Compagnie Europeenne de Cereales,  
26 rue Lafitte,  
Paris 9<sup>e</sup>.
6. Granex France SA.,  
15 rue Dussoubs  
Paris 2<sup>e</sup>.
7. Societe Louis Dreyfus et Cie.,  
6, rue Rabelais,  
Paris 8<sup>e</sup>.
8. Societe J.A. Goldschmidt et Cie.  
149, rue Saint-Honore  
Paris 1<sup>e</sup>.
9. Les Fils de Felix Saier  
16 rue du Louvre,  
Paris 1<sup>e</sup>.
10. Societe Anonyme Commercial Agricole (SACA)  
6, rue Etienne Marcel,  
Paris 1<sup>e</sup>.
11. Etablissements Soules et Cie.  
35, rue Etienne Marcel,  
Paris 1<sup>e</sup>.

ii) Compound Feed Manufacturers

1. Duquesne-Purina  
St.Philibert-sur-Risle,  
Eure.
2. S.T.A.R. (Societe Technique d'Alimentation  
Rationnelle),  
Cofna, Unilever Group,  
Tours, Indre-et-Loire.
3. J.. Guyomarc'h,  
Vannes,  
Morbihan.

Contd...

4. Ste. Sanders,  
Juvisy-sur-Orge, Seine-et-Oise,  
Grands Moulins de Paris
5. Grands Moulins de Paris,  
15, Rue Croix-des-Petits-Champs,  
Paris 1<sup>e</sup>.
6. S.A.F.A.,  
Marseille.
7. Ets. Arrive Freres,  
Saint-Fulgent,  
Vendee.
8. Grands Moulins de Strasbourg,  
61, Avenue d'Iena,  
Paris 16<sup>e</sup>.  
  
and Place Henry-Lévy  
Strasbourg,  
Port du Rhin,  
Bas Rhin.
9. UMAC, Coperative des Agriculteurs  
des Cotes du Nord et du Finistere,  
Landerneau,  
Finistere.
10. Co-operative Departementale de l'Ain  
Bourg-en-Bresse-Ain.
11. Unilait,  
7, Rue Scribe,  
Paris 9<sup>e</sup>.

### iii) Associations

1. Syndicat National des Coope'ratives Pre'parant  
des Aliments Compose's (SYNCOPAC),  
129 Boulevard Saint-Germain,  
Paris 6<sup>e</sup>.
2. Fe'deration Nationale, des Syndicats des,  
Industries de l'Alimentation Animale (F.N.S.I.A.A.)  
41 bis, Boulevard de Latour-Maubourg,  
Paris 7<sup>e</sup>.

Contd....

GERMAN FEDERAL REPUBLIC

i) Importers

1. Alfred C. Toepfer,  
2000 Hamburg 1,  
Postfach 6010.
2. Kurt A. Becher,  
2000 Hamburg 11,  
Deichstr. 38.
3. Johannes Bischoff,  
2100 Hamburg 90,  
Postfach 38.
4. Bunge GmbH,  
2000 Hamburg 36  
Postfach 7346.
5. Peter Cremer,  
2,000 Hamburg 1,  
Burchardstr. 8.
6. Deutsche Tradax GmbH,  
2000 Hamburg 1,  
Steindamm 87.
7. Gesellschaft für Getreidehandel AG.,  
2000 Hamburg 11,  
Trostbrücke 1.
8. Getreide-Import-Gesellschaft mbH.  
4100 Duisburg  
Postfach 44.
9. E. Kampffmeyer  
2000 Hamburg 36,  
Alsterufer 34.
10. Koster, Berodt & Co.,  
2000 Hamburg 13,  
Postfach 1869.
11. C. Mackprang jr.  
2000 Hamburg 36,  
Postfach 7465.

Contd.....

12. Johannes Stroh,  
2060 Bad Oldesloe,  
Postfach 32.
13. P. Kruse,  
2000 Hamburg 36,  
Neuer Wall 31/33.
14. J.H. Friedlander & Co.,  
2000 Hamburg 36,  
Alsterarkaden 13.

ii) Compound Feed Manufacturers

1. Bergisches Kraftfutterwerk,  
Hermann Schmidt KG MUSKATOR,  
4000 Dusseldorf 1  
Postfach 1709.
2. Hanseatische Kraftfutter-  
gesellschaft Nielsen & Co. KG.  
2000 Hamburg 11,  
Postfach 2249.
3. L. Burchard KG.  
Kraftfutterfabrik,  
4350 Recklinghausen-Süd-Hafen  
Postfach 084.
4. Otto Delfs Sohne,  
2355, Wankendorf/Holst.  
Am Bahnhof.
5. deuka Deutsche Kraftfutter GmbH,  
B.L. Stolz,  
4000 Dusseldorf-Hafen 1,  
Postfach 2620,
6. DEWA-Kraftfutterwerk,  
Georg Wagner,  
8535 Emskirchen,  
Postfach 60.
7. Robert Fundel KG.  
7900 Ulm,  
Postfach 342.

Contd....



8. Hertlein & Co.  
Rekord-Kraftfutterwerk,  
8700 Wurzburg 2,  
Postfach 1019.
9. Peter Kolin Muhlenwerke,  
2200 Elmshorn/Holst,  
Am Hafen.
10. Kraftfutterwerk Albert,  
O. Petersen,  
2000 Hamburg 28,  
Postfach 320.
11. Oelkuchenwerke C.B. Mihael & Co.,  
2000 Hamburg 1,  
An der Alster 45.
12. Georg Plange,  
Futtermuhle Dusseldor GmbH,  
4000 Dusseldorf-Hafen,  
Postfach 6340.
13. Rami-Kraftfutterwerk,  
Adolf Heuer,  
2000 Hamburg 36,  
Jungfernstieg 7 III.
14. Schleswig-Holsteinnische,  
landwirtschaftliche Hauptgenossenschaft eGmbH,  
2300 Kiel  
Postfach 150.
15. BAYWA  
Bayerische Warenvermittlung,  
landwirtschaftlicher Genossenschaften AG,  
8000 Munchen 2,  
Turkenstr. 16.

iii) Associations

1. Verfin Der Getreidehaendler Der,  
Hamburuer Boerse e.v.  
Boerse - Kontor 24,  
Hamburg 11.
2. Raiffeisen Futterring, e.v.  
Raiffeiseneck 5,  
KOELN.

Contd....



3. Fachverband Der Futtermittelindustrie,  
Boersen Brueke 2a,  
Hamburg 11.
4. Bundesverband Der Mischfutterwerke,  
Mehlemer Sft.3,  
53, Bonn.  
(3 & 4 are associations of compound feed  
manufacturers).

NETHERLANDS:

i) Shippers

1. Bunge's Handelmaatschappij N.V.,  
Postbus 777,  
Amsterdam.
2. Louis Dreyfus et Cie.  
Postbus 270,  
Rotterdam.
3. Compagnie Continentale d'Importation  
(Hollande) N.V.  
Postbus 209,  
Rotterdam.
4. Graancompagnie N.V.  
Zijl 10c.  
Rotterdam.
5. Nidera Handelscompagnie N.V.,  
Postbus 676,  
Rotterdam.
6. Handelsvereniging Tradax N.V.,  
Massluisstraat 258,  
Amsterdam.

ii) Importers

1. N.V.Granaria Graaninkoompmij,  
Postbus 1226,  
Rotterdam.
2. N.V.Handelmij, Johs. Jansen.  
Dresselhuysstraat 29,  
Rotterdam.

Contd....

3. N.V. Handelsmij. Jean Delvaux,  
Postbus 20,  
Rotterdam.
4. "Viema", Veevoeder Im- and  
Export Maatschappij,  
Postbus 269,  
Rotterdam.

iii) Agents

1. Chr. de Vries, N.V.  
Postbus 1165,  
Rotterdam.
2. J. Willebeek le Mair and Co. N.V.,  
Postbus 1197,  
Rotterdam.
3. Jos. van den Dries and Co. N.V.  
Postbus 204,  
Rotterdam.
4. C.J. Ten Tusschede, N.V.,  
Postbus 1111,  
Rotterdam.
5. D.J. Voogd, N.V.  
Herengracht 98,  
Zandam.
6. H. Wiener and Co. N.V. (Specializing in  
Postbus 1195, Brazil in particular)  
Rotterdam.
7. A Reinstein and Co. N.V.  
Groothandelsgebouw A.I.,  
Stationsplein,  
Rotterdam 1.

iv) Compound Feed Manufacturers

1. C.I.V. Co-operatieve Centrale Landbouw,  
In-en Verkoopvereniging G.A.,  
20, Eendrachtsweg,  
Postbus 562,  
Rotterdam.

Contd....

2. CEBECO - Nationale Co-operatieve  
Aan-en Verkoopvereniging voor,  
Land-en Tuinbouw G.A.,  
31 Blaak,  
Postbus 182,  
Rotterdam.
3. N.V. Mengvoeder U.T.-Delfia (Groupe Unilever)  
Wateringswe -Delft  
Hoendiep 59 -Hoogkerk  
West Kanaaldijk 6 -Maarsen  
Wei 15 -Akrum.
4. Hendrix' Voederfabrieken N.V.  
Postbus 1,  
Boxmeer.
5. Koopmans' Meelfabrieken N.V.  
3, de Merodestraat,  
Leeuwarden.
6. Verenigde Mengvoederfabrieken Koudijs N.V.  
Trankada 24 - Den Bosch  
Oostzijde 193 - Zaandam.  
  
associated with N.J. Wouda's Meelfabriek  
N.V., Sneek.
7. Kon. P. Sluis' Pluivuee, Vee-en Vogelvoe-  
derfabrieken N.V.,  
Stammerdijk, B.27  
Weesper-Karspel.
8. Wessanen's Kon Fabrieken N.V.  
Zaanweg 51,  
Wormerveer.

v) Associations

1. Het Comite Van Graanhandelaren,  
21, Posthoornstraat,  
Postbus 202,  
Rotterdam 1.

Contd.....

SWEDENi) Agents

1. Fredr. Corin and Co. AB,  
Tradgardsgatan 2,  
Goteborg C.
2. Arthur Winberg AB,  
Jarnvagsgatan 7,  
Halsingborg.
3. Egon Westrell AB,  
Skeppsbron 3,  
MALMO C.
4. AB Albert Wellden,  
Kalendegatan 9,  
MALMO C.
5. A.R. Noravall and Co. AB.,  
Box 40195,  
Stockholm 40.
6. AB G.A. Du Rietz,  
Skeppsbron 10,  
Stockholm C.
7. Svenska Handels AB Bunge,  
Box 7023,  
Stockholm 7.

ii) Compoundfeed Manufacturers

1. Svenska Lantmannens Riksforbund (SLR)  
Kungsholms Hamnplan 3,  
Stockholm.
2. Harold Fors, Stockholm.
3. AB Carl Engstrom,  
Eslov.
4. AB Kontrollfoder,  
Goteborg.

Contd....



5. Goteborgs Fodervaru BA,  
Goteborg.
6. Kooperativa Forbundet,  
Stockholm.
7. K/B P. Laveson,  
Kristianstad.
8. AB Bruun,  
Kalmar.
9. Sven Hylander,  
Stockholm.
10. AB Lactamin,  
Kristianstad.
11. AB Sveafoder,  
Orebro.
12. AB Jager and Debond,  
Stockholm.
13. Morales and Co.,  
Stockholm.
14. Thorburns Soners AB,  
Udevalla.

iii) Associations

1. Svenska Foderamnes - Och,  
Spannma<sup>o</sup> lsimportorerens Forening,  
Malmo.

DENMARK:

i) Agents/Shippers' Representatives

1. Alfred C. Toepfer Hamburg,  
Kontor København  
Vesterbrog 31,  
Copenhagen V.

Contd., , , , ,



2. Grana A/S,  
Bornholmsgade 3,  
Copenhagen K.
3. Bunge Handelsaktieselskab,  
Industriehuset,  
Gothersgade 14,  
Copenhagen K.
4. Kruspe & Co.,  
Christians Brygge 28,  
Copenhagen V.
5. Svend Faber,  
Klarebogerne 4,  
Copenhagen K.
6. J. Schaap,  
Krogholmen 7,  
Copenhagen - Holte.
7. Hans Madsen Handelsaktieselskabet,  
Pilestraede 43,  
Copenhagen K.
8. Robert Kjarsgaard's Succsr.  
Droningens Tvaergade 21,  
5 Copenhagen K.
9. East Asiatic Company Ltd.,  
Holbergsgade 2,  
Copenhagen 2.
10. Svend G. Nielsen A/S,  
Ny Østergade 7,  
C Copenhagen.
11. Skandinavisk Tradex A/S  
Aamaliegade 24,  
Copenhagen K.

ii) Compound Feed Manufacturers

1. KFK - A/S Korn - of Foderstof Kompagniet,  
Aarhus,  
Viby.

Contd..

2. Peder P. Hedegaard A/S,  
Nørresundby.
3. Elias B. Muss A/S,  
Frederiksgade 2-4,  
Odense.
4. E. and C's Hønsefoderfabrik A/S,  
Esbjerg.
5. Jydsk Andels Foderstofforretning,  
Axelborg,  
Copenhagen V.
6. Fyens Andels Foderstofforretning  
O/stre Havn,  
Svendborg.
7. Øernes Andelsselskab for  
Indkøb af Foderstoffer  
Axelborg,  
Copenhagen.V.

iii) Associations

1. Danske Korn-Og Foderstof-Importerers,  
Faelles Organisation  
Ny Vestergade 1,  
Copenhagen K.

NORWAY

i) Importers

1. Statens Kornforretning,  
(Norwegian Grain Corporation)  
Oslo.

ii) Agents

1. Frithjof Blom,  
Akersgt. 59,  
Oslo 1.

Contd..

2. Chr. Holtermann, Rad  
Radhusgt. 6,  
Oslo 1.
3. Omar Jordan, Jernbanetorget 2,  
Oslo 1.
4. Jorgen Sorensen & Co.,  
Karl Johansgt. 1,  
Oslo 1.
5. Skandinavisk Tradax A/S,  
Amsliegade 24,  
Kopenhavenk.

#### BULGARIA

##### i) Export Import Agency

1. Bulet Sophia,  
10, Graf Ignatiev St.,  
Sofia,  
Bulgaria.

#### POLAND

##### i) Export Import Agency

1. Rolimpex Centrala Handlu,  
Zagrainecanego,  
Warszawa al.  
Warszalkowaka No.102,  
Poland.

#### HUNGARY

##### i) Export Import Agency

1. Agrimpax Hugarian Trading Co. for  
Agricultural Products,  
V. Nador,  
U.22, Budapest,  
Hungary.

Contd.....

U.S.S.R.

i) Export Import Agency

1. V/O. Exportkhleb,  
Smolenskaya P.1,  
32/34, Moscow-G-200,  
U.S.S.R.

EAST GERMANY

i) Export Import Agency

1. Deutscher Innen-und Außenhandel,  
Nahrung, 102  
Berlin Schicklerstrasse 5/7,  
G.D.R.

CZECHOSLOVAKIA

i) Export Import Agency

1. Koospol, TR,  
Dukelsky Ch.  
Hardiny-47,  
Praha-VII  
Czechoslovakia.

YUGOSLAVIA

i) Export Import Agency

1. Centroprom,  
P.O. Box No.454,  
Beograd,  
Yugoslavia.

JAPAN

i) Feed Compounders

1. Ataka & Co., Ltd.,  
Ohtemachi Bldg.,  
4, 1-chome,  
Ohtemachi,  
Chiyoda-ku,  
Tokyo.

Contd.....

JAPAN (Contd.)i) Feed Compounders

2. Chori Company, Ltd.,  
Shin Horidome Bldg.,  
9, 2-chome,  
Horidomecho,  
Nihonbashi,  
Chuo-ku,  
Tokyo.
3. Daiichi Busscho Co., Ltd.,  
1, 3-chome,  
Ginza-Nishi,  
Chuo-ku,  
Tokyo.
4. Daiichi Trading Co. Ltd.,  
Naigai Bldg.,  
18, 2-chome,  
Marunouchi,  
Chiyoda-ku,  
Tokyo.
5. C. Itoh & Co. Ltd.,  
4, 2-chome, Nihonbashi Honcho,  
Chuo-ku,  
Tokyo.
6. Itoman & Co. Ltd.,  
6, 2-chome, Nihonbashi Ohdenma-cho,  
Chuo-ku, Tokyo.
7. Iwai & Co., Ltd.,  
6, 3-chome,  
Nihonbasni Edobashi,  
Chuo-ku,  
Tokyo.
8. Kanematsu Gosho, Ltd.,  
5, 2-chome,  
Takara-cho,  
Chuo-ku,  
Tokyo.

Contd...



9. Kasho Company Ltd.,  
3, 2-chome,  
Nihonbashi Edobashi,  
Chuo-ku,  
Tokyo.
10. Katoh & Co., Ltd.  
Mitsui Bldg.,  
1, 2-chome,  
Nihonbashi Muromachi,  
Chuo-ku,  
Tokyo.
11. Kinsho-Mataichi Co. Ltd.,  
8, 2-chome,  
Nihonbashi Kayabacho,  
Chuo-ku,  
Tokyo.
12. Marubeni-Iida Co. Ltd.,  
Totsu Bldg.,  
23-2, 1-chome,  
Kanda-Sudacho,  
Chiyoda-ku,  
Tokyo.
13. Meiji Trading Co. Ltd.,  
8, 2-chome,  
Kyobashi,  
Chuo-ku,  
Tokyo.
14. Meiwa Trading Co. Ltd.,  
New Tokyo Bldg.,  
3, 2-chome,  
Marunouchi,  
Chiyoda-ku,  
Tokyo.
15. Mitsubishi Shoji Kaisha, Ltd.,  
20, 2-chome,  
Marunouchi,  
Chiyoda-ku,  
Tokyo.

Contd.....

16. Mitusi & Co. Ltd.,  
2-9, 1-chome,  
Nishi-Shimbashi,  
Minato-ku,  
Tokyo.
17. Nagasaki Prefecture Trading Corp.,  
348, Marunouchi Bldg.,  
2-2, Marunouchi,  
Chiyoda-ku,  
Tokyo.
18. Nichimen Co. Ltd.,  
6, 1-chome, Takaracho,  
Chuo-ku,  
Tokyo.
19. Nichiryō Ltd.,  
Azabudai Bldg.,  
13, 3-chome,  
Azabu Iikura-cho,  
Minato-ku,  
Tokyo.
20. Nippon Trading Co. Ltd.,  
Bridgestone Bldg.,  
1, 1-chome,  
Kyobashi,  
Chuo-ku,  
Tokyo.
21. Nissho Company Limited,  
10, 1-chome, Nihonbashi Edobashi,  
Chuo-ku,  
Tokyo.
22. Nomura Trading Co. Ltd.,  
2, 2-chome, Ohtemachi,  
Chiyoda-ku,  
Tokyo.
23. Okura Trading Co. Ltd.,  
3, 2-chome,  
Ginza-Nishi,  
Chuo-ku, Tokyo.

Contd.....

24. Rasa Trading Co. Ltd.,  
12, 1-chome, Nihonbashi Kayabacho,  
Chuo-ku,  
Tokyo.
25. Sanyo Trading Co. Ltd.,  
11, 2-chome,  
Kanda Nishikicho,  
Chiyoda-ku,  
Tokyo.
26. Sogo Boeki Kaisha Ltd.,  
1-5, 3-chome,  
Nihonbashi Muromachi,  
Chuo-ku,  
Tokyo.
27. Sumitomo Shoji Kaisha Ltd.,  
1, Mitoshiro-cho,  
Kanda,  
Chiyoda-ku,  
Tokyo.
28. Taiyo Bussan Kaisha Ltd.,  
Shiga Bldg.,  
2, 2-chome,  
Nihonbashi Kodenmacho,  
Chuo-ku,  
Tokyo.
29. Taiyo Gyogyo Kabushiki Kaisha,  
4, 1-chome, Marunouchi,  
Chiyoda-ku,  
Tokyo.
30. Taika Trading Co. Ltd.,  
1-8, 2-chome,  
Nihonbashi-dori,  
Chuo-ku,  
Tokyo.
31. Toho Bussan Kaisha Ltd.,  
Iino Bldg.,  
1-1, 2-chome,  
Uchisaiwaicho,  
Chiyoda-ku, Tokyo.

Contd....

32. Toho Sangyo Limited,  
3-3, Nihonbashi Edobashi,  
Chuo-ku,  
Tokyo.
  33. Toshoku Ltd.,  
Mitui Bldg.,  
3, 3-chome,  
Nohonbashi Muromachi,  
Chuo-ku,  
Tokyo.
  34. Toyo Menka Kaisha Ltd.,  
2, 1-chome,  
Ohtemachi,  
Chiyoda-ku,  
Tokyo.
  35. The Wako Koeki Co. Ltd.,  
4, 1-chome, Ohtemachi,  
Chiyoda-ku,  
Tokyo.
  36. Unicoop Japan,  
Nokyo Bldg.,  
5, 1-chome,  
Ohtemachi,  
Chiyoda-ku,  
Tokyo.
  37. Yuasa Trading Co. Ltd.,  
Hattori Bldg.,  
1-1, Kyobashi,  
Chuo-ku,  
Tokyo.
-

APPENDIX-VI

LIST OF EXPORTERS OF ANIMAL FEEDING  
STUFFS IN THE U.S.A.

1. Lapeyrouse Grain Corp.,  
P.O.Box No.926,  
Mobile, Alabama 36601.
2. Arkansas Grain Corp.,  
N. Grand,  
Stuttgart, Arkansas 72160.
3. Pacific Vegetable Oil Corp.,  
San Francisco, California 94111.
4. MICO Inc.  
P.O.Box 329  
Bloomington, Illinois 61702.
5. Pacific Grain Co.  
201 W. North St.,  
Former City. Illinois 61842.
6. Agricultural Exports, INC.  
Hudson, IOWA 50543.
7. C. B. Fox Co.  
1620, National Bank of Commerce Building,  
New Orleans. Louisiana 70112.
8. W.L. Richeson & Sons,  
INC, 442, Canal St.,  
P.O.Box 50248,  
New Orleans. Louisiana 70150



9. OTIS McAllister Export Corp.,  
611 Gravier St.,  
New Orleans. Louisiana 70130.
10. Barzen of Minneapolis INC.  
455, Harrison St. NE  
Minneapolis. Minnesota 55440
11. Cargill, INC.,  
Cargill Building,  
Minneapolis. Minnesota 55402.
12. The Pillsbury Co.,  
Minneapolis. Minnesota 55402.
13. Wellens & Co., INC.  
6950 France Ave.S.  
Minneapolis. Minnesota 55435.
14. M.F.A. Grain Market  
ING. Division,  
400 E Hort St.,  
P.O.Box 39  
Mexico. Mexico 65265.
15. Bunge Corp.,  
One chase Manhattan Plaza,  
New York, New York 10005.
16. Louis Dreyfus Corp.,  
26 Broadway,  
New York. New York 10004.
17. Carnac Grain Co.,  
INC, One White hall St.,  
New York. New York 10004.
18. O. ITOH & Co. (America),  
INC, 245 Park Avenue,  
New York. New York 10017.

19. Producers' Export Co.,  
42, Broadway,  
New York. New York 10004.
20. George W. Van Boskerck & Son,  
11, Broadway,  
New York. New York 10004.
21. Woodward & Dickerson,  
INC, 1400 S. Penn. Square,  
Philadelphia. Pennsylvania 19102.
22. Gurley Milling Co.  
P.O.Box 488,  
Selma. North Carolina.
23. Cook & Co.  
INC, 131 Gayoso Grain Division,  
Memphis. Tennessee 38101.



APPENDIX VII - Contract Forms

SOLVENT EXTRACTORS' ASSOCIATION OF INDIA  
87-C, Broach Street, Anna Bhuvan, Bombay-9.

NON - TRANSFERABLE SPECIFIC DELIVERY CONTRACT  
FOR  
GROUNDNUT EXPPELLER OILCAKE

(The term "contract" used herein shall refer to and mean the agreement of sale/purchase between the sellers and the buyers made on the terms mentioned below)

CONTRACT NO.  Date \_\_\_\_\_

Place \_\_\_\_\_

1. 1/We \_\_\_\_\_  
(hereinafter called the buyers) have this day bought  
from

Messrs. \_\_\_\_\_  
(hereinafter called sellers) the mentioned goods,  
as per terms and conditions mentioned below:-

Through:- Brokers (if applicable) \_\_\_\_\_

2. **GOODS:** Indian groundnut expeller oilcake of fresh production FFA of oil extracted shall not be in excess of 6% for the goods delivered during the period 1st November to 31st May and 7.50% for the period 1st June to 31st October free from lumps not rancid fair average quality of the season, warranted to contain not less than 7% oil and 47% albuminoids, not more than  $2\frac{1}{2}$ % of sand and/or silica, fibre content basis 13%, free from admixture of any other oilcakes or seeds and any foreign additives, also free from castorseed and/or castorseed husk, packed in sound secondhand gunny bags/ packed in buyers' gunny bags (optionally) to approximately uniform weight.



3. PRICE: At Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_)  
 \_\_\_\_\_) per tonne net/gross weight,  
 delivered weight F.O.R. \_\_\_\_\_ delivery  
 ex F.O.R. \_\_\_\_\_ Sellers/buyers godown/  
 Factory at \_\_\_\_\_ or Buyers Railway siding  
 including siding charges wherever applicable. R/R of  
 the goods will have to be tendered in fulfilment of  
 the contract unless otherwise specified.

4. QUANTITY: \_\_\_\_\_ tonnes each of 1000  
 kilo grams gross/net \_\_\_\_\_

5. DELIVERY: Goods/Railway Receipts shall be con-  
 signed to \_\_\_\_\_ and  
 shall be tendered during \_\_\_\_\_ The  
 period of delivery stipulated shall be deemed to be  
 the essence of this contract. If the delivery period  
 stipulated above is not complied with, the buyers  
 shall have the rights specified in clause 11 here-  
 under. If the due date falls on a Bank holiday, the  
 preceding working day shall be considered as the due  
 date.

If goods are not received within a month from  
 the date of R.R., buyers shall have a right to return  
 the R.R. to the Sellers and claim back the payment  
 made to the sellers. However, the sellers shall have  
 a right to replace the goods by physical delivery  
 within 15 days after one month of the date of R.R.  
 The default date in case where the goods are not  
 replaced to be fixed by the buyers at their option  
 either the date of one month of the date of R.R. or  
 45 days after the date of R.R. R.R. of minimum 100  
 bags as also R.R. in which wagon number is not men-  
 tioned shall be accepted.

R.R. or godown delivery must be accepted by the  
 buyer.

5(a) DEMURRAGE: Demurrage shall be to sellers account  
 for 24 hours (excluding holidays and Sundays) from  
 the time R.R. is tendered.



6. **QUALITY:** Should the whole or any portion not turn out equal to warranty, the goods must be accepted at an allowance to be mutually agreed or settled by Arbitration Committee of the Association as provided for below, except that

a) For any deficiency of oil there shall be an allowance to buyers at the rate of 4% of the contract price for each unit of deficiency below warranted percentage. Similarly for each unit of excess of oil over 7.50% but not exceeding 9% a premium of 4% of the contract price shall be payable by the buyers to the sellers.

b) For any deficiency of albuminoids, there shall be an allowance to the buyers at the following rates, viz. 1% of the contract price for each unit of deficiency below warranted percentage for the first three units 2% for the 4th and 5th unit and 3% in excess of the 5th unit and proportionately for any fraction thereof, subject to rejection at the buyers' option if the albuminoids contents be less than 40%.

c) For any excess of sand and/or silica an allowance of 1% of the contract price for each unit of excess and proportionately for any fraction thereof, subject however to the buyers' right to reject the goods if in excess of 5%.

d) In case of excess of fibre content above 13%, 1% of the contract price for each unit in excess of 13% and proportionately for any fraction thereof, subject to rejection at the buyers' option if the fibre content be more than 15%.

e) The goods warranted free from castorseed and/or castorseed husk but should the analysis show a percentage of castorseed husk not exceeding .005 the buyer shall not be entitled to reject the goods but shall accept them with the following allowances;  $\frac{3}{4}\%$  if not exceeding .001%, 1% if not exceeding .002%,  $1\frac{1}{2}\%$  if not exceeding .005%. Should the first analysis show the goods free from castorseed and/or castorseed husk, such analysis shall be taken as final but in the event of the first analysis showing castorseed husk to be present, a second sample may be analysed at the request of sellers. Buyers will have the option either to accept the second analysis and treat it as final or go for third test and the mean of the nearest two analysis out of three shall be taken as final and binding.

f) In the case of goods delivered during the period 1st November to 31st May for any excess of FFA over 6% upto 10%, there shall be 1% allowance for each unit of deficiency and 2% allowance for each unit of deficiency over 10% upto 15% FFA and proportionately for any fraction thereof.

In the case of goods delivered during the period 1st June to 31st October, for any excess of FFA over 7.50% upto 10%, there shall be 1% allowance for each unit of deficiency and 2% allowance for each unit of deficiency over 10% upto 15% FFA and proportionately for any fraction thereof.

In either case the buyers shall have a right of rejection if FFA is more than 15%.

7. **SAMPLING & ANALYSIS:** Four samples will be drawn jointly by buyers and sellers from each wagon/truck load or lot of minimum 20/22 tonnes, and sealed, and each one of them shall be numbered. In case the sellers' representative is not present within 48 hours of receipt of goods and intimation to sellers (excluding holidays) the samples will be drawn by buyers and sealed. These sealed samples will be binding on both parties for analysis reports as provided below. One sealed sample will be taken by buyers for analysis; sellers shall arrange to collect the second sample and the other two will be retained by buyers. The buyers will report to the sellers in writing within 15 days after the sealing of the samples the result of the first analysis. In case the sellers so desire, they may send the second sealed sample to any one of the following laboratories:

**BOMBAY:**

- i) M/s. Therapeutics Chemical Research Corporation, Bombay.8.
- ii) M/s. Italab (Pvt.) Ltd., Bombay-1.
- iii) M/s. J. Parikh & Co., Bombay-9

**MADRAS:**

- i) M/s. Therapeutics Chemical Research Corporation, Madras.
- ii) M/s. Madras Oilseeds Association, Madras.



BHAVNAGAR:

- i) M/s. Drugs Laboratories, Bhavnagar.

JAMNAGAR:

- i) M/s. Shree Saurashtra Oil Mills Association, Jamnagar.

CALCUTTA:

- i) M/s. R. V. Briggs Pvt. Ltd., Calcutta-1
- ii) M/s. Italab (Pvt.) Ltd., Calcutta
- iii) M/s. Superintendence Co. of India, Calcutta

under intimation to the buyers in writing within 7 days of receipt of buyers' report. On receipt of this second analysis result, which shall be communicated to buyers within 5 days, the buyers may accept the same or forward the third sealed sample for third analysis under intimation to the sellers within seven days of receipt of seller's report, only if the difference on any item between the first and second analysis is more than  $1/2\%$ . Such third analysis will be called for only for that particular item of test which is in dispute in previous two analyses. Sellers will also have similar right to opt for third analysis for which buyers will forward third sample, if difference between first and second analysis is more than  $\frac{1}{2}$  per cent and sellers to inform buyers of their desire to exercise such option at the time of sending analysis report of the Second Sealed Sample to the buyers. In case third analysis is undertaken, the mean of the nearest two analyses of the three shall be taken as final and binding. The cost of the second analysis shall be borne by the party against whom the analysis goes by variation between the first and the second analysis for every warranty separately being  $1\%$  in respect of albuminoids, fibre and FFA and  $\frac{1}{2}\%$  in respect of oil, and the cost of third analysis shall be borne by the party against whom the third analysis is reported, taking the mean of the first and second analysis as basis. The provisions relating to third analysis laid down in this clause do not apply to castor contents, for which results of the second and the third analysis shall be reconsidered in accordance with clause 6.

8. PAYMENT: a) 90% payment will be made at buyers' office against clean Railway Receipts (Normal clauses acceptable) for goods and the balance amount shall be paid within ten days of submission of final invoices by the sellers to the buyers on the basis of weighment and analysis results arrived at as per terms of this Contract. If the balance amount is not paid within the stipulated time the buyers will have to pay an interest @ 10% per annum after that. In any case payment shall be made latest within one month from the date of tender of final invoices.

b) 90% payment shall be made on the same day between 4.00 p.m. to 6.00 p.m. for R/R and/or goods delivered before 2.30 p.m. on working days, and 1.00 p.m. on Saturday, otherwise on the next working day.

9. WEIGHTMENT of goods will be made at buyers' factory or godown or at the place of delivery in presence of sellers' representative if present at the time of weighment after due intimation as per clause 7. Ten per cent of the total number of bags selected at random from each lot shall be weighed, and the weight of the whole lot determined on the basis of such ten per cent weighment. If, however, the buyers find that the weight of the different bags vary by more than two per cent from the approximate uniform weight as per clause 2, full weighment may be made for which extra cost shall be borne by sellers. In case sellers desire to have full weighment made, it shall be made for which extra cost shall be on their cost.

10. REJECTION: Should any lot or consignment of the goods received under this contract be rejected on account of any terms of the Contract and/or deficiency in albuminoids contents below 40%, or excess of sand/silica over 5% and/or presence of castor seeds and/or husk as provided in clause 6 of this contract, the buyers shall have the right to ask sellers to replace the goods under the contract, or tender R/R goods as stipulated above in replacement thereof within 5 days of written intimation of rejection by buyers. If the sellers fail to do so, the buyers shall have the option either to settle the contract at the rate prevailing on the fifth day after rejection or to buy in the open



market on the next working day of the 5th day. The rejected goods shall be removed from the buyers' factory within a period to be specified by buyers which shall be not less than seven days from the date of rejection. Before removal of rejected goods, the sellers shall reimburse the buyers fully for 90% of value of goods (if paid), freight, transport and other charges if any incurred. The buyers will charge 10% interest and godown charges for rejected goods on the basis as laid down in clause 10(a) below.

10(a) GODOWN RENT: If the goods delivered by R/R are rejected, godown rent shall be charged from the 7th day after final rejection, at the rate of 0.25 P. per M.T. per day for 7 days, after which period rent shall be charged at the rate of 0.50 P. per M.T. per day for a fortnight, and at the end of that period the buyers will have right to dispose of goods at market rate and compensate the loss, if any from the sellers.

In the case of goods delivered by lorry or as per godown delivery, godown rent shall be charged from the date of rejection.

10(b) After rejection the buyers shall give back the goods after weighment, and maximum shortage in weight to the extent of  $2\frac{1}{2}\%$  will be permissible. If the shortage exceeds  $2\frac{1}{2}\%$ , the buyers shall compensate the sellers to that extent at the Contract rate.

11. DEFAULT: In the event of the sellers failing to complete the delivery of the entire quantity of goods within the time stipulated in clause 5, and/or failing to replace the rejected goods in terms of this contract within the period of five days from the date of rejection, the sellers shall be deemed to have committed a breach of contract to the extent and in respect of the goods so remaining undelivered, and the buyers shall be entitled to treat the contract as at an end to the said extent and also entitled either

- i) to treat the contract as cancelled without requiring sellers to pay compensation for breach of contract, or



- ii) to grant the sellers extension of period of delivery or replacement period for delivery in case of rejected lots, such extension to be asked for by the sellers and granted by the sellers and granted by the buyers latest upto the date contract, or
- iii) to buy the undelivered quantity on sellers account latest before the close of the next working day of the default and to recover from the sellers the difference between Contract price and purchase price, or
- iv) without actually buying the undelivered quantity in the market, to recover from the sellers the difference between the contract price and the price ruling on the last day of the original due date, or the extended date.

12. ARBITRATION: a) In the event of dispute arising out of this contract reference shall be made to two arbitrators, one each selected by buyers or sellers and the arbitrators so selected shall be from amongst the panel of arbitrators appointed by the Solvent Extractors' Association of India and in the event of Arbitrators not agreeing the matter should be referred to the sole decision of an umpire who shall be appointed by the Arbitrators and who shall also be from amongst the Panel of Arbitrators appointed by the Solvent Extractors' Association of India. For purpose of arbitration, the Managing Committee of Solvent Extractors' Association shall appoint a panel of Arbitrators who may be either members of the Association and/or persons interested in the oilcake trade.

b) The arbitration shall be as in the Indian Arbitration Act in force from time to time.

c) In the event of one of the Parties refusing to appoint an Arbitrator or neglecting to do so for ten days after the notice in writing of such an appointment by disputing party to the Secretary, Solvent Extractors' Association of India, the President or in his absence Honorary Secretary of Solvent Extractors' Association of India shall appoint on behalf of the

party refusing to appoint an Arbitrator even though called upon to do so, an Arbitrator from amongst the panel of Arbitrators appointed by the Solvent Extractors' Association of India.

d) The arbitration proceedings will be held in Bombay unless otherwise mutually agreed upon by both the Arbitrators and the parties to the arbitration.

13. TAXES & DUTIES: Whatsoever will be on sellers' account.

... ..

#### EXPLANATORY NOTE

#### QUANTITY FULFILLING CONTRACT

In case fixed quantity is mentioned in the contract, the contract shall be deemed to have been fulfilled if the quantity delivered is 2% more or less than the quantity contracted for.

#### BASIS OF MAXIMUM/MINIMUM QUANTITY

Where the contract gives option to the Seller to deliver the goods of a minimum to a maximum quantity, the following provisions shall apply:-

- (a) If the goods delivered by the Seller are within the minimum to the maximum quantity contracted for, the contract shall be deemed to have been fulfilled.
- (b) Where goods are not delivered at all or where goods delivered are less than the minimum mentioned in the contract, the contract shall be deemed to be a contract for a quantity equal to the average of the minimum and maximum quantity.

- (c) Where goods delivered are more than the maximum quantity mentioned in the contract, the contract shall be deemed to be a contract for the quantity equal to the maximum quantity mentioned in the contract and the quantity delivered in excess of the maximum quantity mentioned in the contract shall be treated as excess quantity.

(Illustration:-

If the contract is for 18 to 20 tonnes, 18 tonnes is the minimum quantity, 20 tonnes is the maximum quantity and 19 tonnes is the average quantity.)

#### EXCESS DELIVERIES

Excess deliveries of one contract will be taken against the next dated contract for the same delivery period if one is in existence between Buyer and Seller.

In case no further contracts for the same delivery period exist between the Buyers and the Seller, the Buyers shall be entitled to:-

- (a) accept the goods against an existing contract between the Buyers and Seller for later delivery; or
- (b) accept the excess quantity at a price agreed upon between the Buyers and Seller; or
- (c) ask the Seller immediately to remove the goods delivered in excess at the Seller's expense.

Transfer of excess deliveries from one Seller to another will not be permitted.

Buyer's Signature \_\_\_\_\_

Seller's Signature \_\_\_\_\_







Quantity:

\_\_\_\_\_ Metric Tonnes gross weights  
5% more or less at Contract price, at Buyers option.

Price:

Rs. \_\_\_\_\_ per 1000 Kgs. (Rupees \_\_\_\_\_  
\_\_\_\_\_ ) F.O.B. \_\_\_\_\_

Shipment:

\_\_\_\_\_

Contracted  
Value:

About Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
\_\_\_\_\_ )

Weight:

Final at the Port of Discharge as per CFTA  
Contract No.15. For the purpose of weighment at the  
Port of Discharge, the goods shipped in one steamer  
is to be treated as a single lot. The way of weighing  
to be in accordance with the customs of the Port of  
Discharge.

In case of direct unloading into Railway Cars  
the weight ascertained by weighing of empty and full  
cars and certified by the Surveyor to be considered  
final.

Surveyors:

For weighing, sampling and issuing certificate  
mentioned under para "Payment" the Surveyors are as  
follows:

At the port of Loading an independent surveyor  
to be nominated by Seller's at their own expenses.

At the Port of Discharge the survey shall be exe-  
cuted by Buyer's representative at their own cost.  
Sellers have the right to nominate and call in at  
the Port of Discharge their own Surveyor at their  
costs. In the latter case joint sampling and weight-  
ment will be carried out and if Sellers wish to do  
so, he has to inform Buyers within 5 days from the  
date of Bill of Lading.

Shipment:

The Buyers to communicate the Sellers at least 10 days before the expected date of arrival, the Vessel's name, and approximate date of arrival. The exact date of arrival should be given to Sellers three days before arrival. The Sellers should keep minimum quantity of cargo as well as all shipping documents ready for Loading for the respective Port per each day of 24 hours, from the one day before the arrival of the ship at the first Port of Loading. The Vessel to be loaded according to the rules and rates of loading at the Port of Shipment.

Packing &  
Marks:

The goods to be packed in good new/second hand exportable gunny bags of equal weight not exceeding 80 Kgs. For the new gunny bags buyers will be charged Rs. \_\_\_\_\_ per Metric Tonne. Lots not to exceed 500 tonnes each and should not be less 250 tonnes each Markings should be clear and easily readable. The letters on the bags shall be big size, but not less than 2.5 inches, so that the goods could be differentiated from other lots at the time of discharge. All bags should be free from holes, patches and well stitched. In case of second hand bags small hookholes properly resown acceptable.

Marking of the bags must be as follows:

Contract No. ....

Lot No. ....

Agrimpex

Sellers Name

M (in case of meal)

F (in case of Flakes)

E (in case of extraction)

Insurance:

Marine and War risk insurance to be covered by buyer for institute cargo clauses all risk and war risks and strike theft and civil commotion clauses.

Sampling & Analysis:

Lot wise samples are to be drawn and sealed by the surveyor as follows:

At the Port of Loading two sets of samples to be drawn.

Sample No. 1 to be analysed by Surveyors' Laboratory in respect of Oil, Albuminoids, Moisture contains, Fibre, Sand and Silica, Castorseed and/or Castorseed husk contains and to state whether goods are not mouldy, rancid, lumpy. The results of which certified by Surveyors are for provisional account. Sample No. 2 will be kept by the Surveyors in case of any dispute.

At the Port of Destination five set of samples to be drawn.

Sample No. 1 to be mailed to Messrs. Salamon & Seabers for analysis purpose, to certify the Oil - Albuminoids, Moisture, Fibre, Sand and Silica, Castorseed and/or Castorseed husk contents of the goods.

Sellers' final invoice shall be issued on the basis of this analysis report. No third test is to be effected unless both the parties agree to this effect separately. If the parties are agreed then sample No. 2 and if necessary No. 3 to be forwarded to London Laboratories for analysis purpose as per CFTA Contract No. 15, for final settlement. Sample No. 4 to be kept at Buyers disposal. Sample No. 5 to be retained by Surveyors for the purpose of eventual arbitration.

Payment:

In Indo-Hungarian Clearing by Irrevocable Commercial Letter of Credit of the National Bank of Hungary, Budapest for the total contracted value to Seller's favour by telegraphic transfer.



96% available against the following documents:

- (1) Provisional Invoice in three copies.
- (2) 2/3 Original Clean on Board, Blank endorsed B/L notify MASPED, Budapest plus non-negotiable copy of the same to be presented together with Seller's declaration duly countersigned by their Bank in India which has been entrusted by the National Bank of Hungary to negotiate documents, confirming that the Third Original copy of the Bill of Lading as well as additional copy of the Phytosanitary Certificate (Item No. 6) and Health Certificate (Item No. 7) has been forwarded by the said Bank by the Sellers Order by Registered Airmail to the address of:

HAFENVERTRETUNG DER FA. MASPED RIJEKA  
RADE KINCARE 44, RIJEKA/YUGOSLAVIA.

at the disposal of MASPED, Budapest, on account of Messrs. AGRIMPEX, Budapest.

- (3) Weight Certificate of Surveyors at Port of Shipment at Seller's expenses.
- (4) Survey report of Surveyors at Port of Shipment showing state of goods as well as the number of bags and the date and way of loading.
- (5) Analysis Certificate of Surveyors at Port of Shipment at Seller's expenses.
- (6) Phytosanitary Certificate issued by the Surveyors showing that the goods have no weevils or any other insect, infestation, are free from filth and fit for animal consumption.



- (7) Health Certificate issued by an authorised Veterinary Doctor or Surgeon in India showing that the samples were subject to biological test and samples as well as bags (In case of second hand bags only) were free from Anthrax spores and other contagious diseases and there is no danger in importing the material into Hungary.
- (8) Seller's declaration confirming that the goods passed minimum 60°C heat treatment and one original copy of Phytosanitary Certificate (Item No. 6) and one original copy of Health Certificate (Item No. 7) has been airmailed direct to Messrs. AGRIMPEX Budapest.
- (9) Written confirmation of appropriation cable advise as per para "Appropriation (see below). All these documents to be presented within twelve (12) days from the date of Bill of Lading.

The Balance is available against;

- (1) Final Invoice
- (2) London Analysis Certificate, based on samples drawn at the Port of Discharge.
- (3) Weight Certificate issued by Surveyors at Port of Discharge.

Appropriation:

Name of Vessel(s) gross weights, number of bags shipped, shall be declared by cable by the Sellers to the Buyers, within five days from the date of Bill of Lading.

Other Terms:

Sellers to obtain any required export Licence in due time. All export duties, taxes, charges present or future, or any variation in such duties or taxes in India at Sellers' costs, and all import duties, taxes, charges at Port of Destination at Buyers, cost. All other terms and conditions applicable to the present contract including Arbitration Clause and not in contradiction to the above clause to be as per LCFTA Contract No. 15 currently in force of which the parties admit knowledge.

Remarks;

Buyers:

Sellers:

FOR AND ON BEHALF OF  
MESSRS. AGRIMPEX, BUDAPEST.

/Dr. I. GALFI/

Agrimex Contract Form

Date:

CONTRACT NO.SELLERS:BUYERS:

ROLIMPEX Centrala Handlu Zagranicznego, Biuro Zboza,  
Al. Jerozolimskie 44, WARSZAWA. (Poland) (T.A.  
"ROLIMPEX").

COMMODITY:

INDIAN

QUALITY &  
CONDITIONS:

Guaranteed sound merchantable from fresh production,  
fit for animal consumption, free from hard lumps  
and all chemical and/or mechanical substances (in-  
cluding iron), free from pieces of glass, foreign  
odour any noxious material and other oilcakes and  
warranted to contain:

Not less than	of Oil & Albuminoids combined,
Not more than	of Fibre,
Not more than 2 $\frac{1}{2}$ % (two and half percent)	of sand and/or silica,
Not more than 10% (ten percent) of Moisture, and to be free from Castorseed and/or Castorseed husk.	

Final quality of the goods at the port of destina-  
tion according to the Certificates issued by Polish  
Surveyors POLCARGO, Gdynia/Gdansk.

The goods are guaranteed free from weevils, larvae  
and/or insect infestation at the time of shipment.  
The goods infested with insects and their larvae  
must be rejected by the Surveyors at the time of  
shipment.



QUALITY  
ALLOWANCES:

There shall be allowance to Buyers at the following rates:

- i) For any deficiency of Oil & Albuminoids below

1% for each of the	}	of the contract price and proportionately for any fraction thereof.
first 3 units,		
2% for the fourth and fifth units,		
3% for each unit in excess of five		
  
- ii) For any excess of Fibre over

0.5% for each of the	}	of the contract price and proportionately for any fraction thereof.
first 2 units		
1.0% for the third and fourth units		
2.0% for each unit in excess of four		
  
- iii) For any excess of Sand and/or Silica over  
 $2\frac{1}{2}\%$  (two and half percent) - 1% (one percent) for each unit of excess and proportionately for any fraction thereof. Should the goods contain over 5% of sand and/or silica the buyers are entitled to reject the goods, in which case the contract shall be null and void for such quantity rejected.
  
- iv) For any excess of Moisture over 10% (ten percent)  
1% (one percent) of the contract price for each unit of excess and proportionately for any fraction thereof.
  
- v) For any Castorseed and/or Castorseed husk Contents:

if not exceeding 0.001%	..	$\frac{3}{4}\%$
if not exceeding 0.002%	..	1%
if not exceeding 0.005%	..	1.5%

but should the Castorseed and/or Castorseed husk content be in excess of 0.005%, Buyers shall be entitled to reject the parcel in which case the contract shall be null and void for such quantity rejected.



QUANTITY:

metric tonnes of 1000 kilos each, 5% more or less  
at contract price at vessel's option.

WEIGHT:

Final at the port of destination as per Certificate issued by POLCARGO, Expert Surveyors & Supervisors, Gdynia/Gdansk.

PRICE:

per metric tonne of 1000 kilos gross for nett F.O.B.  
Allowances due to  
the Buyers will be deducted on the basis of the FOB  
price of the contract.

PACKING:

1/ In sound secondhand gunny bags of equal weight, free from oil stains and lubricants of suitable strength to stand ordinary wear and tear to port of destination.

All the bags shall be free from holes, patches and securely closed. All those found not in sound condition shall be rejected by the Surveyors at the time of shipment.

2/ New strong jute bags of equal weight.

MARKS:

Bags to be marked:

	Number of Contract/	Number of Lot
	ROLIMPEX	
	POLAND	

Marking should be clear and easily readable so that the goods could be differentiated from other lots at the time of discharge. The letters shall be of big size not less than 3 inches. If this condition is not fulfilled by the Sellers, the Surveyors under contracted conditions shall reject during shipment all such bags which do not comply with the requirements.

## INSURANCE:

Marine and War Risk Insurance to be covered by Buyers.

SURVEYORS:

The Surveyors for this contract are:

1) At the port of shipment, Messrs. . . . .  
 . . . . .  
 . . . . .

- 2) At the port of destination Messrs. POLCARGO, Expert Surveyors and Supervisors.
- 3) Sellers have a right to appoint their own Surveyors at the Port of Destination at their own cost, who will be present at the time of unloading and drawing of samples.

All cost of Survey at the Port of Destination by POLCARGO will be covered by the Buyers.

DESTINATION: One Port at Buyers' option: Gdynia, Gdansk or Szczecin.

SHIPMENT: . . . . .  
 . . . . .  
 Sellers will be entitled to receive at least 10 (ten) days notice of readiness of the vessel.

APPROPRIATION: Contract number, name of Vessel, date of Bill(s) of Lading, number of bags, lot number and quantity loaded shall be declared by the Sellers to the Buyers within 7 (seven) days from the date of Bill(s) of Lading.

SAMPLING & ANALYSIS: Samples are to be drawn lot-wise at the loading port and the Port of Destination as follows:-

- 1) At Port of Loading: Two lot-wise samples are to be drawn by the Surveyors. Sample No.1 to be analysed by Surveyors' Laboratory in respect of moisture, Oil, Albuminoids, sand and/or silica, Fibre, castorseed and/or castorseed husk contents, on the basis of the results of which provisional invoice to be prepared by Sellers.  
 Sample No.2 will be deposited during six months by the Surveyors at the Buyers' and Sellers' disposal.



- 2) At Port of Destination: Five samples to be drawn by the Surveyors POLCARGO, Sample No.1 to be analysed by POLCARGO Laboratory at the Port of Destination in respect of Oil/Albuminoids, Sand and Silica, Fibre, Castorseed and/or Castorseed husk contents, on the basis of the results of which final settlement will be prepared by the Buyers. If the first analysis report of POLCARGO not accepted by Sellers, then Sample No.2 to be forwarded to Salamon & Seaber, London for analysis. Samples No.3 & 4 to be forwarded if necessary, under instructions from the Sellers or the Buyers to London Laboratories for Final settlement as per the L.C.F.T.A. Contract No.15 currently in force; of which parties admit knowledge. Sample No.5 will be kept by the Surveyors for the purpose of eventual arbitration.

PAYMENT:

Shall be effected in Indian Rupees for 96% (ninety six percent) of Provisional Invoice amount and in accordance with the Indo-Polish Trade & Payment Agreement concluded on 18.12.1963, on first presentation of and in exchange for shipping documents comprising:

- 1) Invoice in seven copies, original visaed by the Consulate of the Polish People's Republic in Bombay.
- 2) 2/3 Original sets of clean on board Bills of Lading and two copies for each lot, to order blank endorsed, marked notify ROLIMPEX, Gdynia.
- 3) Weight Certificates in triplicate for each lot issued by Surveyors at Sellers' expenses at the time of shipment.
- 4) Analysis Certificate in triplicate for each lot issued by Surveyors at Sellers expenses, showing full analysis of the goods at the time of shipment.
- 5) Phytosanitary Certificate in duplicate issued at Sellers' expenses by Plant Pathologist Agriculture Department, Maharashtra State or by Plant Quarantine Fumigation Station, Bombay, if shipment from Bombay or Marmagoa and/or issued by Entomologist & Mycologist to the Govt. of Madras, Agricultural College & Research Institute, Coimbatore or by Plant Quarantine & Fumigation Station or Veterinary College

Certificate, if shipment from Madras and/or issued by Agricultural Entomologist, Agricultural College, Junagadh, Gujarat State or by Plant Quarantine and Fumigation Station, Bhavnagar or New Kandla Port, if shipment from Saurashtra Ports and/or issued by Entomologist or Mycologist to the Government of West Bengal Agricultural Research Institute, Calcutta or by Quarantine and Fumigation Station, Calcutta, if shipment from Calcutta.

The certificate shall clearly stress that the goods can be exported to Poland. By this expression it is understood that the conditions of the goods according to the tests carried out by the issuing authorities, fully conform with Phytosanitary regulations being in force in Poland. Health certificate in duplicate issued by Veterinary College is also acceptable.

- 6) Copy of Appropriation Notice.
- 7) Sellers declaration that original 1/3 Bills of Lading together with one non negotiable copy thereof and copy of Phytosanitary Certificate(s) have been forwarded to the Buyers by Registered airmail post after completing shipment.

Balance to be accounted for in final settlement. Buyers to open Irrevocable Letter of Credit with any Bank in India. Letter of Credit to permit encashment of the balance due to Sellers against presentation of final invoice.

OTHER TERMS:

Sellers shall obtain any required export licences in good time to allow fulfilment of the contract. Export duties, taxes or charges, if any levied in the Republic of India are to be for Sellers' account. All other terms and conditions applicable to the present contract and not in contradiction to the above clauses to be as per L.C.F.T.A. Contract No.15 (current contract for Imported Feeding Cakes and Meals) currently in force, of which parties admit knowledge.



ARBITRATION:

Any dispute or claim arising out of or relating to this contract shall be heard and decided upon by arbitration in accordance with the agreement concluded between the Federation of Indian Chambers of Commerce and Industry, New Delhi, and the Polish Chamber of Foreign Trade, Warszawa. The Arbitration is to be conducted in the country of domicile of the defendant. If the arbitration is held in India, the dispute shall be submitted to the Arbitration Tribunal of the Federation of Indian Chambers of Commerce and Industry, New Delhi, and settled in accordance with the rules of that Tribunal. If the arbitration is to be held in Polish People's Republic, it shall be submitted to the Polish People's Chambers of Foreign Trade, Warszawa, and decided in accordance with the Rules of the Arbitration Committee at the Polish Chamber of Foreign Trade.

ALTERATION &  
ADDITIONS:

Any alteration and/or additions to this contract shall be agreed upon in writing and shall be duly signed by both parties.

BUYERS:SELLERS:

For and on behalf of ROLIMPEX

L C F T A Contract No. 6

Revised 1st January, 1962

1/62

No. 6  
CopyrightPrinted in England and issued by the  
LONDON CATTLE FOOD TRADE ASSOCIATION  
(INCORPORATED)AUDREY HOUSE, 5/7 HOUNDSDITCH, LONDON, E.C.3.  
(Affiliated with the London Chamber of Commerce)

CONTRACT FOR IMPORTED FEEDING CAKES &amp; MEALS

C.I.F. TERMS

London, \_\_\_\_\_ 19

I have this day \_\_\_\_\_  
WE

1. GOODS :- \_\_\_\_\_

in new and/or secondhand bags of suitable strength to  
stand ordinary wear and tear to port of destination.

2. QUANTITY. \_\_\_\_\_

tons of 2,240 lbs. each, Sellers have the option of  
shipping 5% more or less

3. Price - At \_\_\_\_\_

pounds \_\_\_\_\_ shillings and \_\_\_\_\_

\_\_\_\_\_ pence. ( £ : : )

per ton of 2,240 lbs. (or 1,016 kilos) \_\_\_\_\_

\_\_\_\_\_ Gross weight,

cost, freight and insurance to \_\_\_\_\_

4. Shipment - To be made in good condition per steamer and /or steamers, direct or indirect, with or without transshipment from \_\_\_\_\_

In the event of less than  $47\frac{1}{2}$  tons being tended by any one steamer Buyers shall be entitled to refund of any proved extra expenses for lighterage incurred thereby at port of discharge. In the event of more than one shipment being made each shipment to be considered a separate contract, but the margin on the mean quantity sold not to be affected thereby. Should any of the above-mentioned quantity form part of a larger quantity of the same or a different period of shipment of bags of the same mark or of similar quality, no separation or distinction shall be necessary.

5. PERIOD OF SHIPMENT- As per Bill or Bills of Lading dated or to be dated \_\_\_\_\_

The Bill of Lading to be dated when the goods are actually on board.

6. EXTENSION OF SHIPMENT.- The contract period for shipment, if such be 31 days or less, shall, if desired by the Shipper, be extended by an additional period not exceeding eight days, provided the Shipper gives notice claiming extension by cable sent not later than the next business day following the last day of the originally stipulated period. The notice need not state the number of additional days claimed, and such notice shall be passed on by other Sellers to their Buyers respectively in due course after receipt. The Sellers shall make an allowance to the Buyers, to be deducted in the invoice from the contract price, based on the number of days by which the originally stipulated period is exceeded, as follows: for 1, 2, 3 or 4 additional days,  $\frac{1}{2}\%$  of the gross c.i.f. price; for 5 or 6 additional days,  $1\%$  of the gross c.i.f. price; for 7 or 8 additional days  $1\frac{1}{2}\%$  of the gross c.i.f. price. If however, after having given notice to the Buyers as above, the Seller fails to make shipment within such eight days, then the contract shall be deemed to have called for shipment during the originally stipulated period plus eight days, at contract price less  $1\frac{1}{2}\%$ , and any settlement for default shall be calculated on that basis



7. CLASSIFICATION OF VESSELS.- For the purpose of this contract the words steamer and /or steamers are intended to include any first class steamer and/or steamers and / or power engined ships(excluding tankers) classed not lower than 100 A.1. or British Corporation B.S. or top classification in American, French, Italian, Norwegian, or other equal Register, or ships not inferior to these classifications.

8. QUALITY.- \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\* Strike out  
 clause that  
 does not  
 apply

\*At time of loading to fair average of the  
 seasons's shipments'

\*At time and place of shipment to be about  
 as per sealed sample marked \_\_\_\_\_

\_\_\_\_\_ in the possession of  
 \_\_\_\_\_

Warranted to contain not less than \_\_\_\_\_ %  
 of oil and albuminoids combined and not more than  
 \_\_\_\_\_ % of sand and/or silica. Should the  
 whole or any portion not turn out equal to warrantly  
 the goods must be taken at an allowance to be agreed  
 or settled by arbitration as provided for below,  
 except that for any deficiency of oil and albuminoids  
 there shall be allowances to Buyers at the following  
 rates, viz. : 1% of the contract price for each of  
 the first three units of deficiency under the guaran-  
 teed percentage; 2% of the contract price for the  
 fourth and fifth units and 3% of the contract price  
 for each unit in excess of five and proportionately  
 for any fraction thereof and for any excess of sand  
 and/or silica an allowance of 1% of the contract price  
 for each unit of excess and proportionately for any  
 fraction thereof. When the contents of oil and album-  
 inoids is guaranteed within a margin (as for example  
 40/42%) no allowance shall be made if the analysis  
 ascertained as herein provided be not below the minimum;  
 but if the analysis results below the minimum guaranteed  
 the allowance for deficiency shall be computed from the  
 mean of the guaranteed contents. The Cake and /or Meal.



is guaranteed free from castor seed and/or castor seed husk, and not to contain more than five percent, of sand and/or silica. Should the Cake and/or Meal or any portion thereof be rejected by Buyers owing to the presence of castor seed and/or castor seed husk, or excess of sand and/or silica over five percent., the contract shall be null and void for such quantity rejected. For the purposes of sampling and analysis each mark to stand as a separate shipment. The right of rejection provided by this Clause shall be limited to the mark or marks found to be defective.

9. LATENT DEFECT.- The goods are not warranted free from defect, rendering same unmerchantable, which would not be apparent on reasonable examination, any statute or rule of law to the contrary notwithstanding.
10. SAMPLING AND ANALYSIS.- Samples of each mark to be drawn on or before removal from the ship or quay, numbered and sealed in four portions jointly by Sellers and Buyers, or their representatives, If required by Buyers, any one of the sealed samples shall within ten days of sealing be despatched to the Analyst of the London Cattle Food Trade Association (Incorporated) for test. Within ten days of receipt of the Certificate of Analysis of this sample Buyers shall send an official copy thereof to Sellers stating whether they accept this analysis or whether they require a second test. Sellers have the right within ten days of receipt by them of the official copy of analysis, to give notice to Buyers that they require a second test. If a second test is required another of the sealed samples shall be despatched without delay to Dr. Bernard Dyer & Partners(1948) Ltd, for test. The mean of the two analysis shall be accepted as final if the variation does not exceed  $\frac{1}{2}\%$  but otherwise, at the request of either party, made within ten days of receipt (by them) of official copy of the second analysis, and on notice being given to the other party, a third sealed sample shall be despatched without delay to Dr. Aug. Voelcker & Sons for test, and the mean of the two analyses nearest to each other shall be accepted as final and binding on both parties. The party requiring any of the respective tests shall be responsible for the despatch of the relative sample and shall give

(directly or through an agent or representative acting on their behalf) to the Analyst concerned instructions specifying what test/s are to be carried out (both to be done within the time limit stated hereinbefore), and shall send to the other party an official copy of the relative Certificate of Analysis within ten days of receiving it from the Analyst. Should the Buyers or any Agent acting on their behalf fail to despatch samples to the analyst within 10 days of their sealing as above provided then any claim for rejection or for an allowance in respect of any of the matters dealt with herein shall be deemed to have been waived and absolutely barred. Should either party require further tests but fail to make application therefore and to send samples, within the time limited as above, then the analysis or the mean of the two then existing shall be deemed to be final. Each analysis shall show the number of sample analysed. The cost/s of the test/s for each separate warranty shall be borne by Buyers in cases where no allowance is payable but by Sellers if Buyers are entitled to an allowance. Method of analysis to be as prescribed in the Fertilisers and Feeding Stuffs Regulations for the time being in force. Any one of the sealed samples shall be retained for arbitration purposes if required. In case of resales the Notices Clause shall apply.

11. APPROPRIATION.- Name of vessel or vessels and approximate quantity shipped shall be declared by the Shipper to his Buyer within \_\_\_\_\_ days

from the date of Bill or Bills of Lading and by each subsequent Seller to his Buyer within the said \_\_\_\_\_ days or without delay if received after that time. At the time of giving notice of appropriation Sellers shall also advise Buyers of the date of the Bill(s) of Lading which shall be for information only and shall not be binding. Any appropriation received after 5 p.m. on Monday to Friday or on Saturday shall be deemed to have been received on the business day following and for this purpose Saturday shall be considered a non-business day.



Should the vessel arrive before receipt of appropriation and extra expenses be incurred thereby, such expenses shall be borne by Seller. The notice shall be deemed to be under reserve for errors or delays in telegraphic transmission. An appropriation to the Broker or Agent shall be deemed an appropriation under this contract. A valid notice of appropriation when once given or passed on shall not be withdrawn.

12. PAYMENT.- Payment be made in cash in \_\_\_\_\_ 98% of the provisional invoice amount in exchange for Bill/s of Lading and Policy/ies or Certificate/s and/or letter/s of Insurance (the latter to be certified by an approved Banker if required by Buyers) on arrival of steamer at destination. Should the steamer not arrive within \_\_\_\_\_ days from date of Bill of Lading, Sellers shall be entitled to present documents at any date thereafter and Buyers shall thereupon make payment as provided above. The balance to be paid or refunded on rendering of final invoice. Sellers may tender Ship's Delivery Order and/or Ship's Release and/or other Delivery Order/s (the latter to be certified by an approved Banker, if required by buyers) and in the event of any delivery Order being tendered payment shall be due on arrival of the steamer at destination or on posting of steamer at Lloyd's as a total loss. Buyers agree to accept Bill of Lading containing the Chamber of Shipping War Deviation Clause and/or any other recognised official War Risk Clause. Should documents be presented with incomplete set of Bills of Lading, payment shall be made provided the delivery of the remaining copy or copies of Bill or Bills of Lading in due course after receipt be guaranteed, such guarantee to be signed, if required by buyers, by approved Bankers.

13. CERTIFICATES OF ORIGIN.- In the case of goods produced, grown or manufactured in the Commonwealth or in a country whose products are favoured with special terms of entry into the United Kingdom, the Sellers shall ship in such a manner as to preserve the entitlement of the goods to preference, and shall furnish at the time of entry a certificate of origin and/or necessary documents in the form valid at the time of shipment, otherwise they shall

be responsible for any duty incurred through the non-production of such certificate and/or documents, such amount to be paid to the Buyers or demand against Customs receipt. Should such certificate and/or documents be subsequently furnished by the Sellers, the Buyers shall at once reclaim the amount of the duty from the Customs and shall repay the money to the Sellers who received.

14. SHIPPING DOCUMENTS.- Sellers shall be entitled to tender the Certificate of recognised Insurance Company or Broker in lieu of Policy. A "Received for shipment" Bill of Lading may not be tendered in fulfilment of this Contract, unless the goods have been shipped during the contract period of shipment and unless accompanied by proof that the goods are on board. The date of the Bills of Lading shall be accepted as proof of date of shipment in the absence of evidence to the contrary. In the event of Shipping Documents not being available at time of Steamer's arrival at destination, Sellers shall provide documents entitling Buyers to obtain delivery of the goods, and payment shall be made in exchange for same, such payment to be made without prejudice to Buyers' rights under this Contract.

15. WEIGHING.- Final settlement shall be made on basis of gross delivered weights and the goods shall be weighed at place of landing at Port of destination herein named, Sellers having the right to superintend. Any additional weight due to sea accident not to be paid for \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

16. INSURANCE.- Insurance on W.P.A. terms (Institute Cargo Clauses) with 3% franchise (or better terms) including usual Warehouse Clause and including War Risk, to be effected with (at Sellers' option) first class Underwriters and/or Companies who are domiciled in the United Kingdom, or who for the purpose of any legal proceedings, accept a British domicile and provide an address for service of process in London, but for whose solvency



Sellers are not to be responsible. Claims to be paid in the United Kingdom in the currency of the contract. Sellers to give all Policies and/or Certificates and/or Letters of Insurance provided for in this contract, duly stamped, for not less than 2% over the invoice amount, including freight when freight is payable on shipment or due in any event, ship and/or cargo lost or not lost, and including amount of any war risk premium payable by Buyers. When freight is payable on arrival or on right and true delivery of the goods and the insurance does not include the freight, the Sellers shall effect insurance upon similar terms (such insurance to attach only in respect of such freight as becomes payable) for the amount of the freight plus two percent until the termination of the risk as provided in this clause, and shall undertake that their Policies are so worded that in the case of P.A. or G.A. claim the Buyers shall be put in the same position as if the C.I.F. value plus two percent were insured from the time of shipment. In the event of total loss, constructive total loss, or where the amount of the Policy and/or Policies becomes payable in full, the amount insured in excess of two percent of invoice amount to be for Sellers account and the party in possession of the Policy and/or Policies shall collect the amount of insurance and shall thereupon settle with the other party upon that basis. Any benefit under the Insurance in respect of loss of weight shall be for Sellers account.

17. WAR RISK INSURANCE.- Any expense for covering War Risk Insurance exceeding one half of 1 percent to be for account of Buyers. The rate of insurance shall not exceed the rate ruling in London at time of shipment or date of steamer's sailing, whichever may be adopted by Underwriters. Notice of extra expense to be borne by Buyers shall be given by Sellers at the time of appropriating under the contract, or not later than three days after the rate has been agreed with Underwriters, whichever may be the later. Failure to give such notice shall invalidate the Sellers' claim unless, in the opinion of arbitrators, the delay is justifiable. Sellers' obligation to provide War Risk Insurance shall be limited to the terms and conditions in force and generally obtainable in London at time of shipment.

18. PROHIBITION.- In the case of prohibition of export, blockade or hostilities or in case of any executive or legislative act done by or on behalf of the Government of the country of origin or of the territory where the port or ports of shipments named herein is/are situate, preventing fulfilment, this contract or any unfulfilled portion thereof so prevented shall be cancelled. In the event of shipment proving impossible during the contract period by reason of any of the causes enumerated herein, Sellers shall advise Buyers without delay with the reasons therefore. If required, sellers must produce proof to justify their claim for cancellation.
19. FORCE MAJEURE, STRIKES, ETC.- Sellers shall not be responsible for delay in shipment of the goods or any part thereof occasioned by any Act of God, strike, lockout, riot or vicil commotion, combination of workmen, breakdown of machinery, fire or any cause comprehended in the term "force majeure". If delay in shipment is likely to occur for any of the above reasons, shippers shall give notice to their buyers by cable or similar advise within seven days of the occurrence, or not less than twenty-one days before the commencement of the contract period, whichever is later. The notice shall state the reason(s) for the anticipated delay. If after giving such notice an extension to the shipping period is required, then shippers shall give further notice not later t an two days after the last day of the contract period of shipment stating the port or ports of loading from which the goods were intended to be shipped, and shipments effected after the contract period shall be limited to the port or ports so nominated. If shipment be delayed for more than one calendar month, buyers shall have the option of cancelling the delayed portion of the contract of of granting an extention for a further one month, such option to be exercised by Buyers giving notice, to be received by sellers not later than the first business day after the additional calendar month. If shipment under this clause be prevented during the further one month's extension, the contract shall be considered void. Buyers shall have no claim against sellers for delay or non-shipment under this clause provided that sellers shall have supplied to buyers,



if required, satisfactory evidence justifying the delay or non-fulfilment.

20. NOTICES. - Any notices received after 5 p.m. on Monday to Friday or on Saturday shall be deemed to have been received on the the business day following and for this purpose Saturday shall be considered a non-business day. A notice to the Broker or Agent shall be deemed a notice under this Contract. All notices given under this Contract are to be given by letter or by telegram or cable or by telex or other method of rapid written communication. In case of resales all notices shall be passed on without delay by Buyers to their respective Sellers or vice versa.
21. NON-BUSINESS DAYS. - Should the time limit for doing any act or giving any notice expire on a Sunday, Public Holiday or the Saturday, before any Public Holiday which shall fall on a Monday or on any day which the London Cattle Food Trade Association shall declare a non-business day, the time so limited shall be extended until the first business day thereafter.
22. DEFAULT. - In default of fulfilment of contract by either party, the other, at his discretion, shall, after giving notice by letter or telegram, have the right to sell or purchase as the case may be, against the defaulter and the defaulter shall make good the loss, if any on such purchase or sale on demand. If the party liable to pay shall be dissatisfied with the price of such sale or purchase or if the above right is not exercised the damages, if any, payable by the party in default shall be settled by arbitration. In the event of default by sellers entitling the buyers to damages such damages shall be based upon the actual or estimated value of the goods on date of default, to be fixed by arbitration unless mutually agreed, and nothing contained in or implied under this contract shall entitle the buyers to recover any damages in respect of loss of profit upon any Sub-Contracts made by themselves or others unless the Arbitrators or Committee of Appeal having regard to any special circumstances shall in their sole and absolute discretion award such damages. In the event of default in shipment or delivery, damages, if any, shall be computed upon the mean contract quantity.
23. CIRCLE. - Where a seller repurchases from his buyer or from any subsequent buyer the same goods or part thereof, a circle shall be established as regards the particular goods so repurchased, and the provisions of the Default Clause shall not apply. Subject to the terms of the Prohibition Clause in the contract, if the goods are not declared or having been declared documents are not

delivered, the invoices based on contract quantity shall be settled between each buyer and each seller in the circle by a payment by each buyer to his seller of the excess of the seller's invoice amount over the lowest invoice amount in the circle. Such settlement to be made 30 days after the last day for tendering. Should any party in the circle suspend payment or become bankrupt, or make a composition with creditors, or being a company shall have a Receiver appointed or go into liquidation voluntarily or otherwise (except a voluntary winding-up of a solvent Company for the purpose of reconstruction), the invoice amount for the goods, calculated at the market price on the last day for tendering, shall be taken as the basis of settlement instead of the lowest invoice amount in the circle, such market price to be fixed if necessary by an Arbitrator or Arbitrators appointed by the Council of the London Cattle Food Trade Association. As between the buyers and sellers in the circle the non-delivery of documents by each seller to his buyer shall not be considered a breach of contract.

24. **INSOLVENCY.**— If before the fulfilment of this Contract, either party shall suspend payment of his debts or commit an act of bankruptcy, the Contract shall forthwith be closed, either at the market price then current for similar goods, or at the option of the other party, at a price to be ascertained by re-purchase or re-sale, and the difference between the Contract price and the closing price shall be the amount payable or receivable under this Contract.
25. **DOMICILE.**— Buyers and Sellers agree that, for the purpose of proceeding either legal or by arbitration, this Contract shall be deemed to have been made in England, and to be performed there, any correspondence in reference to the offer, the acceptance, the place of payment, or otherwise notwithstanding, and the Courts of England or arbitrators appointed in England, as the case may be, shall, except for the purpose of enforcing any award made in pursuance of the arbitration clause hereof, have exclusive jurisdiction over all disputes which may arise under this Contract. Such disputes shall be settled according to the law of England, whatever the domicile, residence or place of business of the parties to this Contract may be or become. Any party to this Contract residing or carrying on business elsewhere than in England



or Wales, shall for the purpose of proceedings at law or in arbitration be considered as ordinarily resident or carrying on business at the offices of the London Cattle Food Trade Association (Incorporated), and if in Scotland, he shall be held to have prorogated jurisdiction against himself to the English Courts; or if in Ireland to have submitted to the jurisdiction, and to be bound by the decision of the English Courts. The service of proceedings upon any such party by leaving the same at the office of the London Cattle Food Trade Association (Incorporated), together with the posting of a copy of such proceedings to his address abroad, or in Scotland or in Ireland, shall be deemed good service, any rule of law or equity to the contrary notwithstanding.

26. ARBITRATION.- (a) All disputes from time to time arising out of or under this Contract shall be settled by arbitration in London in accordance with the Rules and Regulations of the London Cattle Food Trade Association (Incorporated), which are endorsed hereon, and are deemed to form part of this Contract.

(b) Neither party hereto, nor any persons claiming under either of them, shall bring any action or other legal proceedings against the other of them in respect of any such dispute until such dispute shall first have been heard and determined by the arbitrators, umpire or Board of Appeal, as the case may be, in accordance with the Rules relating to Arbitration endorsed hereon and it is expressly agreed and declared that the obtaining of an award from the arbitrators, umpire or Board of Appeal, as the case may be, shall be a condition precedent to the right of either party hereto or of any person claiming under either of them to bring any action or other legal proceedings against the other of them in respect of any such dispute.

27. COMMISSION.- \_\_\_\_\_

\_\_\_\_\_ per cent  
on the Contract price to be paid by Sellers, ship and/or  
cargo lost, or not lost, Contract cancelled or not cancelled.

AB 126

No. 6 CONTRACT FOR IMPORTED FEEDING CAKES

AND MEALS

(C.I.F. TERMS )

\_\_\_\_\_19\_\_\_\_

I/We acknowledge the receipt of your contract No. \_\_\_\_\_

\_\_\_\_\_dated \_\_\_\_\_

for purchase from/sale to us of

which I/we confirm

To \_\_\_\_\_

\_\_\_\_\_  
Signed \_\_\_\_\_

LONDON CATTLE FOOD TRADE  
ASSOCIATION(Incorporated)

RULES RELATING TO ARBITRATION

1.- Any dispute arising out of a Contract embodying these Rules shall be referred to arbitration in London, each party appointing one arbitrator and such arbitrators shall have the power, if and when they disagree, to appoint an Umpire whose decision is to be final. Arbitrators and Umpire appointed under this Rule shall not be interested in the transaction and shall be either a Member of this Association or, with the consent of his Principals, an employee of a Member.

Any party to a contract under these rules who may desire an arbitrator to be appointed on his behalf may apply to the Association within the times stipulated in Rule 4 and the President, Vice-President or Hon. Treasurer shall appoint an Arbitrator to act for the party applying. Such application addressed in writing to the Secretary and provided that notice in writing of such application has been given to the other party within the time stipulated in Rule 4 shall for the purposes of any time limit provided by these Rules be equivalent to the appointment of an arbitrator by the applicant.

2.- All awards by arbitrators or an umpire shall be in writing on an official form issued by the Secretary of the Association, and the arbitrators or umpire shall have power to award the costs of and connected with the reference, and may assess the same as they or he shall think fit.

3.-(a) Upon the signing of the award it shall be the duty of the arbitrators, or, in the case of an umpire, of the umpire, to lodge the award and two official copies thereof with the Secretary of the Association, who shall date same and give notice to the parties concerned in the dispute that the award is at their disposal on the payment of the fees and expenses to the Association.

(b) The award, in writing (subject to the right of appeal hereinafter mentioned), shall be conclusive and binding on the parties, both with respect to the matter in dispute and all expenses of and incidental to the reference and award.



- (c) If the award is not taken up within seven days, the Secretary of the Association may call upon either of the disputing parties to take up the award, and in such case the party so called upon shall take up the award and pay the fees and expenses as directed.

4.- Notice of arbitration shall be given and arbitrator appointed in writing by the party claiming arbitration as stated below, which notice shall be valid if passed on by intermediate parties without delay.

- (a) In respect to contracts for goods sold for shipment which have not been delivered: not later than three months after expiry of contract time of shipment.
- (b) In respect to the quality or condition of goods sold for shipment and delivered : not later than 21 working days after final discharge of vessel declared against the contract.
- (c) In respect to the quality or condition of goods sold otherwise than for shipment : within 21 working days from date of delivery.
- (d) In respect to matters other than provided for above : within 21 working days of the dispute having arisen.

5.- Arbitration on quality or condition shall be completed within two calendar months of the date of appointment of an arbitrator by the party against whom arbitration has been claimed, or in cases requiring reference to a standard sample made up by the Association, within one calendar month of the making up of such standard sample whichever is the later date, unless unavoidable circumstances prevent the signing of the award. The arbitrators or umpire may in writing from time to time extend the time for making the award.

5A.- In the event of a contract forming part of a string of contracts which are in all material points identical in terms, except as to price, any arbitration for quality or condition shall be held as between the first seller and the last buyer in the string as though they were contracting parties, and any award so made shall, subject to the right of appeal as provided in these Rules, be binding on all intermediate parties in the string, and may be enforced by any intermediate party against his immediate contracting party as though a separate Award had been made under each contract.



6.- In the event of one of the parties failing to appoint an arbitrator for seven clear days after the other party, having appointed his arbitrator, has served the party making default with notice in writing of such appointment and calling upon such party to appoint his arbitrator (such notice to be delivered as per Rule 17) then, upon application by either of the disputing parties and provided the applicant at the same time pays to the Secretary of the Association the sum of £2 2s. 0d. in the case of a member, or £3 3s. 0d. in the case of a non-member, the President, Vice-President or Hon. Treasurer for the time being, shall appoint an arbitrator to act on behalf of the defaulting party. Any one of such officers of the Association shall also have power to appoint an arbitrator or arbitrators, or umpire upon application being made and upon payment being made to the Secretary as provided by the preceding paragraph, in the event that the arbitrators appointed fail to agree upon the appointment of an Umpire or an arbitrator or umpire shall die, or refuse to act or become incapable of acting or fails to proceed with the reference and the party or parties upon whom his appointment originally rested shall omit to appoint a substitute within three days after notice of such death, refusal, incapacity or failure as the case may be.

All persons appointed under the provisions of this Rule shall be qualified to act as defined in Rule 1 above.

7.- In case either party shall be dissatisfied with the award a right of appeal shall lie to a Board of Appeal to be appointed by the Committee of Appeal of the Association, provided it be claimed by notice received by the Secretary of the Association not later than 12 o'clock noon on the 28th day after the date of the award (Sundays and public holidays during that period not to count) and also provided that written notice that appeal has been claimed is given by the appellant direct to his buyer or seller, as the case may be, and copy of same is supplied to the Secretary of the Association together with notice of appeal.

Payment of the following sum must be made to the Secretary of the Association at the time of giving notice to Appeal :-

If the appellant be a member of the Association £42.

If the appellant be a non-member of the Association £52 10s

If due to currency regulations payment of the Appeal fee is not possible on giving notice of appeal an extension of 14 days beyond the above 28 days shall be granted for the payment of the fee provided the notice of appeal is accompanied by satisfactory evidence from a bank that application for the transfer of the sum has been made by the appellant.

Any further sum or sums as may be called for must be paid by the appellant prior to the issue of the Award.

The arbitrators and/or umpire, on application of either party before the award is signed shall have power to extend the time for appealing in any case in which they or he consider it just or necessary to do so, but such extension to be stated on the award.

8.- The Appeal shall be determined by a Board of Appeal elected by the Committee of Appeal and acting in accordance with the Rules and Regulations of the Association for the time being in force.

9.- Each party to an appeal shall state his case either verbally or in writing and appear either personally or by any agent engaged in the trade and duly appointed in writing, but shall not be represented or appear on the hearing of such appeal by counsel or solicitor unless special leave shall have previously been obtained in writing from the Board of Appeal, which leave the Board of Appeal may grant or refuse in their sole discretion and without assigning any reason.

10.- The Board of Appeal shall confirm the award appealed from unless all or all except one of the members of the Board of Appeal decide to vary such award. The Board of Appeal may award the payment of the costs and expenses of and incidental to the arbitration and appeal, but such fees shall follow the award, unless all or all except one of the members of the Board of Appeal shall direct otherwise. The award of the Board of Appeal, whether confirming or varying the original award, shall be signed by the Chairman of the Board of Appeal, and when so signed shall be deemed to be the award of the Board of Appeal and shall be final and conclusive in all cases.

11.- No award by arbitrators or an umpire shall be questioned or invalidated on the ground that either of the arbitrators or umpire is or was not qualified to act as provided in Rules 1



and 6, unless objection to his acting is made in writing before the hearing of such arbitration is begun. Provided that it is expressly declared that no person shall act as Arbitrator or Umpire in any dispute in which he is directly interested as a member of or as being associated with a firm or Company named as a party to the Arbitration. No award of a Board of Appeal shall be questioned or invalidated on the ground of any irregularity in the election of the Board of Appeal or of any of its members, or on the ground that any member of the Board of Appeal was not eligible to serve, unless objection is made in writing and established to the satisfaction of the Board of Appeal before the hearing of the Appeal is begun. The Board of Appeal shall have the power to vary an award (in addition to the power to vary in any other manner) by increasing, if the Board shall see fit, the liability of the appellant.

12.- An appellant shall have the right at any time before the hearing of the appeal is begun, to withdraw his appeal, subject to payment of such costs, if any, as the Committee of Appeal or Board appointed to hear the appeal may determine. On notice being received from the appellant not less than 24 hours before the time fixed for the meeting of the Committee of Appeal £25 4s. of the fee shall be returned, and on notice, not less than 24 hours before the time fixed for the meeting of the Board of Appeal, £12 12s., but on any later withdrawal no part of the fee shall be returned.

13.- Where appeals are lodged by both parties, and the Board awards that the fees shall be divided, £12 12s. shall be returned to each party, and when the fees are not so divided, £25 4s. out of the £42 or £52 10s. lodged shall be returned to the successful appellant.

14.- No fee shall be charged by the Board of Appeal as remuneration for their services in hearing an appeal beyond the sum allowed therefor by the Council out of the £42 or £52 10s. referred to in Rule 7, except where leave is granted for the hearing of Counsel or Solicitor or a Special case is required to be stated.

15.- The party requiring a Special Case to be stated for the opinion of the Court shall, within seven clear days from the requirement pay to the Association by way of deposit and on account of the costs and expenses of or connected with

the stating and argument thereof the sum of £210 or such larger sum as the Board of Appeal may require, and shall, on demand pay to the Association such further sum or sums, if any, as the Board of Appeal may from time to time require for or on account of such costs and expenses.

16.- The Secretary may call upon either of the disputing parties to take up the award of the Board of Appeal, and in such case the party so called upon shall take up the award and pay the fees as directed.

17.- Any notice may be delivered personally, left at, sent by registered or unregistered post, by telegram, by cable or by telex or other method of written communication to the place where the party to whom it is to be delivered is carrying on, or (by reason of the provisions of the contract) is to be considered to be carrying on business.

18.- All samples sent to the Association for arbitration, testing and/or other purposes shall become and be the absolute property of the Association.

19.- No appeal will be allowed on awards for condition where goods are sold on terms "Guaranteed sound on arrival and/or Rye Terms."

20.- Whenever it shall appear to the Council that by reason of a state of War now existing, or which may hereafter exist, parties to contracts which have been, or may hereafter be made, upon any of the contract forms of the Association, have been, or may be prevented from exercising any of their rights within the time limits prescribed by Rules 3(c), 4, 5, 6, 7 and 15 of these Rules, the Council shall have, and shall be deemed always to have had, the power to enlarge any of such time limits at any time and from time to time and to any extent necessary to enable justice to be done between the parties. Such enlargement may be made generally or with reference to any particular dispute.

In the event of the Council deciding so to enlarge any of such time limits with reference to any particular dispute notice thereof shall be given by the Council to any of the parties to the contract as may be available to receive it.



21.- In the event of any party to an arbitration held under these Rules neglecting or refusing to carry out or abide by any Final Award of Arbitrators or Umpire or Board of Appeal made under these Rules, the Council of the Association may post on the Association Notice Board and/or circularize to Members in any way thought fit a notification to that effect. The parties to any such arbitration shall be deemed to have consented to the Council taking such disciplinary action as aforesaid.

C.F.T.C.

All Communications to be addressed to the Secretary, at Audrey House, 5/7, Houndsditch, London, E.C.3.

(True - copy)

AB 134

CFTA Contract No. 15

Revised 2nd April, 1962

11/66

Printed in England and issued by the  
THE CATTLE FOOD TRADE ASSOCIATION  
(INCORPORATED)

No. 15  
Copyright

AUDREY HOUSE, 5/7 HOUNDSDITCH, LONDON, E.C.3.  
(Affiliated with the London Chamber of Commerce)

CONTRACT FOR IMPORTED FEEDING CAKES AND MEALS  
C.I.F. TERMS FOR THE CONTINENT

\_\_\_\_\_ 19\_\_

I  
WE have this day \_\_\_\_\_

1. GOODS :- \_\_\_\_\_

\_\_\_\_\_ in new and/or secondhand bags of suitable strength to stand ordinary wear and tear to port of destination.

2. QUANTITY :- \_\_\_\_\_

\_\_\_\_\_ Seller has the option of shipping 5 percent more or less but if the weight ascertained at discharge exceeds by more than 2 percent the mean contract quantity, or is deficient by more than 2 percent of the mean contract quantity, then any excess or deficiency over 2 percent of the mean contract quantity shall be settled at the market value on day of arrival of the last steamer appropriated in fulfilment of the contract, the value to be fixed by arbitration unless mutually agreed.

3. PRICE.--At \_\_\_\_\_  
 pounds \_\_\_\_\_ shillings and \_\_\_\_\_  
 \_\_\_\_\_ pence. (£                    ;                    ;

per 1,000 kilos/per 1,016 kilos (or 2,240 lbs.) gross weight, cost, freight and insurance to \_\_\_\_\_

4. SHIPMENT :-- To be made in good condition per steamer and/or steamers, direct or indirect, with or without transshipment from \_\_\_\_\_

In the event of less than  $47\frac{1}{2}$  tons being tendered by any one steamer, buyer shall be entitled to refund of any proved extra expenses for analysis, and for lighterage and sampling incurred thereby at port of discharge. In the event of more than one shipment being made each shipment to be considered a separate contract, but the margin on the mean quantity sold not to be affected thereby. Should any of the above mentioned quantity form part of a larger quantity of the same or a different period of shipment of bags of the same mark or of similar quality, no separation or distinction shall be necessary.

5. PERIOD OF SHIPMENT :-- As per Bill or Bills of Lading dated or to be dated \_\_\_\_\_

The Bill of Lading to be dated when the goods are actually on board.

6. EXTENSION OF SHIPMENT :-- The contract period for shipment, if such be 31 days or less, shall, if desired by the Shipper, be extended by an additional period not exceeding eight days, provided the Shipper gives notice claiming extension by cable sent not later than the next business day following the last day of the originally stipulated period. The notice need not state the number of additional days claimed, and such notice shall be passed on by other Sellers to their Buyers respectively in due course after receipt. The Sellers shall make an allowance to the Buyers, to be deducted



in the invoice from the contract price, based on the number of days by which the originally stipulated period is exceeded, as follows : for 1,2,3 or 4 additional days,  $\frac{1}{2}$  percent of the gross c.i.f. price; for 5 or 6 additional days, 1 percent of the gross c.i.f. price; for 7 or 8 additional days  $1\frac{1}{2}$  percent of the gross c.i.f. price. If, however, after having given notice to the Buyer as above, the Seller fails to make shipment within such eight days, then the contract shall be deemed to have called for shipment during the originally stipulated period plus eight days, at contract price less  $1\frac{1}{2}$  percent and any settlement for default shall be calculated on that basis.

7. CLASSIFICATION OF VESSELS :-- For the purpose of this contract the words steamer and/or steamers are intended to include any first class steamer and/or steamers and/or power engined ships (excluding tankers) classed not lower than 100 A.1. or British Corporation B.S. or top classification in American, French, Italian, Norwegian, or other equal Register, or ships not inferior to these classifications.

\*Strike out  
clause that  
does not  
apply.

8. QUALITY:--

\* At time of loading to be fair average of  
the season's shipments

\* At time and place of shipment to be about  
as per sealed sample marked

in the possession of

Warranted to contain not less than  
percent of oil and albuminoids combined, and not more  
than  $2\frac{1}{2}$  percent of sand and/or silica.

Should the whole or any portion not turn out equal  
to warranty the goods must be taken at an allowance  
to be agreed or settled by arbitration as provided  
for below, except that for any deficiency of oil and  
albuminoids there shall be allowances to Buyers at  
the following rates, viz. : 1 percent of the contract  
price for each of the first 3 units of deficiency  
under the warranted percentage; 2 percent of the



contract price for the fourth and fifth units and 3 percent of the contract price for each unit in excess of five and proportionately for any fraction thereof. When the contents of oil and albuminoids is warranted within a margin (as for example 40/42 percent) no allowance shall be made if the analysis ascertained as herein provided be not below the minimum; but if the analysis results below the minimum warranted allowance for deficiency shall be computed from the mean of the warranted contents.

For any excess of sand and/or silica there shall be an allowance of 1 percent of the contract price for each unit of excess and proportionately for any fraction thereof. Should the cake and/or Meal contain over 5 percent of sand and/or silica the Buyer is entitled to reject the goods, in which case the contract shall be null and void for such quantity rejected.

The goods are warranted free from castor seed and/or castor seed husk, but should the analysis show a percentage of castor seed husk not exceeding .005%. The Buyer shall not be entitled to reject the goods but: shall accept them with the following allowances :  $\frac{3}{4}\%$  if not exceeding .001%. 1% if not exceeding .002% and  $1\frac{1}{2}\%$  if not exceeding .005%. Should the first analysis show the goods free from castor seed and/or castor seed husk such analysis shall be final, but in the event of the first analysis showing castor seed husk to be present a second sample may be analysed at the request of either party and the mean of the two analyses shall be taken as final. Should the parcel contain castor seed husk in excess of .005 percent Buyers shall be entitled to reject the parcel, in which case the contract shall be null and void for such quantity rejected. Nevertheless, should Buyers elect to retain the parcel they shall be entitled to a further allowance for any excess over .005 percent of castor seed husk, to be settled by agreement or arbitration.

For the purpose of sampling and analysis each mark to stand as a separate shipment. The right of rejection provided by this Clause shall be limited to the mark or marks found to be defective.

9. LATENT DEFECT : - The goods are not warranted free from defect, rendering same unmerchantable, which would not be apparent on reasonable examination, any statute or rule of law to the contrary notwithstanding.

10. SAMPLING AND ANALYSIS :- Samples of each mark to be drawn in accordance with the Sampling Rules of The Cattle Food Trade Association (Inc.) (such rules forming part of this contract and of which both parties hereto shall be deemed to be cognisant) on or before removal from the ship or quay, sealed in five portions (numbered 1 to 5) jointly by Seller and Buyer, or their representatives. If required by Buyer, any one of the sealed samples except number 1 shall within ten days of sealing be despatched to the Analyst of The Cattle Food Trade Association (Incorporated) for test. Within ten days of receipt of the Certificate of Analysis of this sample Buyer shall send an official copy thereof to Seller stating whether he accepts this analysis or whether he requires a second test. Seller has the right within ten days of receipt by him of the official copy of analysis, to give notice to Buyer that he requires a second test. If a second test is required another of the sealed samples shall be despatched without delay to Dr. Bernard Dyer & partners (1948) Ltd. for test. The mean of the two analyses shall be accepted as final if the variation does not exceed  $\frac{1}{2}$  percent but otherwise, at the request of either party, made within ten days of receipt (by them) of official copy of the second analysis, and on notice being given to the other party, a third sealed sample shall be despatched without delay to Dr. Aug. Voelcker & Sons for test, and the mean of the two analyses nearest to each other shall be accepted as final and binding on both parties. The party requiring any of the respective tests shall be responsible for the despatch of the relative sample and shall give (directly or through an agent or representative acting on their behalf) to the Analyst concerned instructions specifying what test/s are to be carried out (both to be done within the time limit stated hereinbefore), and shall send to the other party an official copy of the relative Certificate of Analysis within ten days of receiving it from the Analyst. Should the buyer or any representative acting on his behalf fail to despatch samples to the analyst within ten days of their sealing as above provided, then any claim for rejection or for any allowance in respect of any of the matters dealt with herein shall be deemed to have been waived and absolutely barred. Should the party requiring further tests fail to make application therefor as provided above and/or fail to send, without delay, the relative sample(s) for analysis, then in either event



the analysis or the mean of the two analyses then existing shall be deemed to be final. Each analysis shall show the number of the sample analysed. The cost/s of the test/s for each separate warranty shall be borne by Buyer in cases where no allowance is payable but by Seller if buyer is entitled to an allowance. Method of analysis to be as prescribed in the Fertilisers and Feeding Stuffs Regulations for the time being in force. Any one of the sealed samples shall be retained for arbitration purposes if required. In case of reseals the Notices Clause shall apply. ANALYSIS FOR CASTORSEED AND/OR CASTORSEED HUSK FOR GOODS SOLD TO/DISCHARGED AT PORTS IN BELGIUM, FRANCE, HOLLAND, WEST GERMANY AND SCANDINAVIA : For goods sold to ports in Belgium, France, Holland, West Germany, Norway, Sweden and Denmark, the first analysis for castorseed and/or castorseed husk shall be made by--

Laboratoire Oleotest, 90, Avenue de France, Antwerp			For goods discharged at Belgian Ports
Rijkslandbouwproefst- ation voor veevoeder- onderzoek, Maastricht, Holland	"	"	Dutch Ports
Staatsinstitute fur Angewandte Botnaik, Bei den Kirchhofen 14, Hamburg 36	"	"	W. German Ports
The Station Agronomique de Rouen, 1, rue Defay, Rouen, (Seine Maritime) France	"	"	French Ports
V. Steins Laboratorium, Nr. Voldgade 12, Copenhagen K.	"	"	Norwegian, Swedish or Danish Ports

on sealed sample No. 1 which shall, within 10 days of sealing, be despatched to the appropriate analyst and if a second test for castorseed and/or castorseed husk is required such test shall be made by Messrs. Salamon & Seaber on the sample already in their possession for test for oil and albuminoids, but if a sample is not in their possession, one sent to them without delay after receipt of the analysis certificate in respect of the first test for castorseed and/or castorseed husk.

11. **APPROPRIATION :-** Name of vessel or vessels and approximate quantity shipped shall be declared by the Shipper to his Buyer within fourteen days from the date of Bill or Bills of Lading and by each subsequent Seller to his Buyer within the said fourteen days or without delay if received after that time. At the time of giving notice of appropriation sellers shall also advise buyers of the date or Bill/s of Lading, which shall be for information only and shall not be binding. Any appropriations received after 5 p.m. on Monday to Friday or on Saturday shall be deemed to have been received on the business day following and for this purpose Saturday shall be considered a non-business day. Should the vessel arrive before receipt of appropriation and extra expenses be incurred thereby, such expenses shall be borne by Seller. The notice shall be deemed to be under reserve of errors or delays in telegraphic transmission. An appropriation to the Broker or Agent shall be deemed an appropriation under this contract. A valid notice of appropriation when once given or passed on shall not be withdrawn.
12. **PAYMENT :-** To be made on arrival of steamer at destination by cash in \_\_\_\_\_

in exchange for Shipping Documents. Should, However, the shipment, or any portion thereof, be included in a Bill or Bills of Lading for a larger quantity, payment shall be made against delivery order or orders (if required by Buyers to be certified by the Ship Owners, their Agents or an approved Banker), and a Certificate or Certificates of Insurance and/or Letter or Letters of Insu-



rance (Letters of Insurance to be certified by a Banker if required by Buyers). Should documents be presented with incomplete set of Bills of Lading, payment shall be made provided the delivery of the remaining copy or copies of Bill or Bills of Lading in due course after receipt be guaranteed, such guarantee to be signed, if required by buyers, by approved Bankers.

13. SHIPPING DOCUMENTS :- Sellers shall be entitled to tender the Certificate of a recognised Insurance Company or Insurance Broker in lieu of Policy. A "Received for Shipment" Bill of Lading may not be tendered in fulfilment of this contract, unless the goods have been shipped during the contract period of shipment and unless accompanied by proof that the goods are on board. The date of the Bill of Lading shall be accepted as proof of date of shipment in the absence of evidence to the contrary. In the event of Shipping Documents not being available at time of steamer's arrival at destination, Sellers shall provide documents entitling Buyers to obtain delivery of the goods, and payment shall be made in exchange for same, such payment to be made without prejudice to Buyers' rights under this contract. Buyers agree to accept documents containing the Chamber of Shipping War Deviation Clause and/or any other recognised Official War Risk Clause. Should sellers fail to provide documents sellers shall bear reasonable expenses incurred by buyers in the event of buyers taking delivery of the goods under Indemnity.
14. WEIGHING :- Final settlement shall be made on the basis of gross delivered weight and the goods shall be weighed at place of discharge at port of destination herein named. Seller has the right to superintend. Any additional weight due to sea accident not to be paid for.
15. INSURANCE :- Insurance on W.P.A. terms (Institute Cargo Clauses) with 3 percent franchise (or better terms) including usual Warehouse to Warehouse Clause and including War Risk, to be effected with (at Sellers' option) first class Underwriters

and/or Companies who are domiciled in the United Kingdom, or who for the purpose of any legal proceedings, accept a British domicile and provide an address for service of process in London, but for whose solvency Sellers are not to be responsible. Claims to be paid in the United Kingdom in the currency of the contract. Sellers to give all Policies and/or Certificates and/or Letters of Insurance provided for in this contract, duly stamped, for not less than 2 percent over the invoice amount, including freight when freight is payable on shipment or due in any event, ship and/or cargo lost or not lost and including amount of any war risk premium payable by Buyers.

When freight is payable on arrival or on right and true delivery of the goods and the insurance does not include the freight, the Sellers shall effect insurance upon similar terms (such insurance to attach only in respect of such freight as becomes payable) for the amount of the freight plus two percent. until the termination of the risk provided in this clause, and shall undertake that their Policies are so worded that in the case of a P.A. or G.A. claim the Buyers shall be put in the same position as if the C.I.F. value plus two percent. were insured from the time of shipment.

In the event of total loss, constructive total loss, or where the amount of the Policy and/or Policies becomes payable in full, the amount insured in excess of two percent. of invoice amount to be for Sellers account and the party in possession of the Policy and/or Policies shall collect the amount of insurance and shall thereupon settle with the other party upon that basis. Any benefit under the insurance in respect of loss of weight shall be for Sellers account.



16. WAR RISK INSURANCE ;— Any expense for covering War Risk Insurance exceeding one half of 1 percent. to be for account of Buyers. The rate of insurance shall not exceed the rate ruling in London at time of shipment or date of steamer's sailing, whichever may be adopted by Underwriters. Notice of extra expense to be borne by Buyers shall be given by Sellers at the time of appropriating under the contract, or not later than three days after the rate has been agreed with Underwriters, whichever may be the later. Failure to give such notice shall invalidate the Sellers' claim unless. in the opinion of arbiters, the delay is justifiable.

Sellers' obligation to provide War Risk Insurance shall be limited to the terms and conditions in force and generally obtainable in London at time of shipment.

17. PROHIBITION:— In case of prohibition of export, blockade or hostilities or in case of any executive or legislative act done by or on behalf of the Government of the country of origin or of the territory where the port or ports of shipment named herein is/are situate, preventing fulfilment, this contract or any unfulfilled portion thereof so prevented shall be cancelled. In the event of shipment proving impossible during the contract period by reason of any of the causes enumerated herein, Sellers shall advise Buyers without delay with the reasons therefore. If required, sellers must produce proof to justify their claim for cancellation.
18. FORCE MAJEURE, STRIKES, ETC :— Sellers shall not be responsible for the delay in shipment of the goods or any part thereof occasioned by any Act of God, strike, lockout, riot or civil commotion, combination of workmen, breakdown of machinery, fire or any cause comprehended in the term "force majeure". If delay in shipment is likely to occur for any of the above reasons, shippers shall give notice to their buyers by cable or similar advice within seven days of the occurrence, or not less than twenty-one days before the commencement of the contract period, whichever is later. The notice shall state the reason(s) for the anticipated

delay. If after giving such notice an extension to the shipping period is required, then shippers shall give further notice not later than two days after the last day of the contract period of shipment stating the port or ports of loading from which the goods were intended to be shipped, and shipments effected after the contract period shall be limited to the port or ports so nominated. If shipment be delayed for more than one calendar month, buyers shall have the option of cancelling the delayed portion of the contract or of granting an extension for a further one month, such option to be exercised by buyers giving notice, to be received by sellers not later than the first business day after the additional calendar month. If shipment under this clause be prevented during the further one month's extension, the contract shall be considered void. Buyers shall have no claim against sellers for delay or non-shipment under this clause provided that sellers shall have supplied to buyers, if required, satisfactory evidence justifying the delay or non-fulfilment.

19. **NOTICES :-** Any notices received after 5 p.m. on Monday to Friday or on Saturday shall be deemed to have been received on the business day following and for this purpose Saturday shall be considered a non-business day. A notice to the Broker or Agent shall be deemed a notice under this contract. All notices given under this contract are to be given by letter or by telegram or cable or by telex or other method of rapid written communication. In case of resales all notices shall be passed on without delay by Buyers to their respective Sellers or vice versa.
20. **NON-BUSINESS DAYS :-** Should the time limit for doing any act or giving any notice expire on a Sunday, Public Holiday or the Saturday before any Public Holiday which shall fall on a Monday or on any day which The Cattle Food Trade Association (Inc.) shall declare a non-business day, the time so limited shall be extended until the first business day thereafter.



21. **DEFAULT :-** In default of fulfilment of contract by either party, the other, at his discretion, shall after giving notice by letter or telegram, have the right to sell or purchase as the case may be, against the defaulter and the defaulter shall make good the loss, if any, on such purchase or sale on demand. If the party liable to pay shall be dissatisfied with the price of such sale or purchase or if the above right is not exercised the damages, if any, payable by the party in default shall be settled by arbitration.

In event of default by sellers entitling the buyers to damages such damages shall be based upon the actual or estimated value of the goods on date of default, to be fixed by arbitration unless mutually agreed, and nothing contained in or implied under this contract shall entitle the buyers to recover any damages in respect of loss of profit upon any Sub-Contracts made by themselves or others unless the Arbitrators or Committee of Appeal having regard to any special circumstances shall in their sole and absolute discretion award such damages. In the event of default in shipment or delivery, damages, if any, shall be computed upon the mean contract quantity.

22. **CIRCLE: -** Where a seller repurchases from his buyer or from any subsequent buyer the same goods or part thereof, a circle shall be established as regards the particular goods so repurchased, and the provisions of the Default Clause shall not apply. Subject to the terms of the Prohibition Clause in the contract, if the goods are not declared or having been declared documents are not delivered, the invoices based on contract quantity shall be settled between each buyer and each seller in the circle by a payment by each buyer to his seller of the excess of the seller's invoice amount over the lowest invoice amount in the circle. Such settlement to be made 30 days after the last day for tendering. Should any party in the circle suspend payment or become bankrupt, or make a composition with creditors, or being a company shall have a Receiver appointed or go into liquidation voluntarily or otherwise (except

a voluntary winding-up of a solvent Company for the purpose of reconstruction), the invoice amount for the goods, calculated at the market price on the last day for tendering, shall be taken as the basis of settlement instead of the lowest invoice amount in the circle, such market price to be fixed if necessary by an Arbitrator or Arbitrators appointed by the Council of The Cattle Food Trade Association (Inc.) As between the buyers and sellers in the circle the non-delivery of documents by each seller to his buyer shall not be considered a breach of contract.

23. **INSOLVENCY :-** If, before the fulfilment of this contract, either party shall suspend payment of his debts or commit an act of bankruptcy the contract shall forthwith be closed, either at the market price then current for similar goods, or at the option of the other party, at a price to be ascertained by re-purchase or re-sale, and the difference between the contract price and the closing price shall be the amount payable or receivable under this contract.
24. **DOMICILE :-** Buyers and Sellers agree that, for the purpose of proceedings either legal or by arbitration, this contract shall be deemed to have been made in England, and to be performed there, any correspondence in reference to the offer, the acceptance, the place of payment, or otherwise notwithstanding, and the Courts of England or arbitrators appointed in England, as the case may be, shall, except for the purpose of enforcing any award made in pursuance of the arbitration clause hereof, have exclusive jurisdiction over all disputes which may arise under this contract. Such disputes shall be settled according to the law of England, whatever the domicile, residence or place of business of the parties to this contract may be or become. Any party to this contract residing or carrying on business elsewhere than in England or Wales, shall for the purpose of proceedings at law or in arbitration be considered as ordinarily resident or carrying on business at the office of The Cattle Food Trade Association (Incorporated), and if in Scotland, he shall be



held to have prorogated jurisdiction against himself to the English Courts; or if in Ireland to have submitted to the jurisdiction, and to be bound by the decision of the English Courts. The service of proceedings upon any such party by leaving the same at the office of The Cattle Food Trade Association (Incorporated), together with the posting of a copy of such proceedings to his address abroad, or in Scotland or in Ireland, shall be deemed good service any rule of law or equity to the contrary notwithstanding. The goods forming the subject of this contract not being for consumption in Great Britain, the provisions of the British Fertilizers and Feeding Stuffs Act (1926) do not apply.

25. **ARBITRATION ;-** (a) All disputes from time to time arising out of or under this contract shall be settled by arbitration in London in accordance with the Rules and Regulations of The Cattle Food Trade Association (Incorporated), which are endorsed hereon, and are deemed to form part of this contract.

(b) Neither party hereto, nor any persons claiming under either of them, shall bring any action or other legal proceedings against the other of them in respect of any such dispute until such disputes shall first have been heard and determined by the arbitrators, umpire on Board of Appeal, as the case may be, in accordance with the Rules relating to Arbitration endorsed hereon and it is expressly agreed and declared that the obtaining of an award from the arbitrators, umpire or Board of Appeal, as the case may be, shall be a condition precedent to the right of either party hereto or of any person claiming under either of them to bring any action or other legal proceedings against the other of them in respect of any such dispute.

26. **COMMISSION :-** \_\_\_\_\_  
per cent. on the contract price to be paid by Sellers, ship and/or cargo lost or not lost, contract cancelled or not cancelled.

No. 15.

CONTRACT FOR IMPORTED FEEDING CAKES & MEALS  
(C.I.F. TERMS FOR THE CONTINENT)

The Cattle Food Trade Association  
(Incorporated)

19

I/We acknowledge the receipt of your contract No. \_\_\_\_\_

dated \_\_\_\_\_ for purchase from/sale to us

of \_\_\_\_\_ which I/we confirm.

To \_\_\_\_\_

Signed \_\_\_\_\_

RULES RELATING TO ARBITRATION

1.-- Any dispute arising out of a Contract embodying these Rules shall be referred to arbitration in London, each party appointing one arbitrator and such arbitrators shall have the power, if and when they disagree, to appoint an Umpire whose decision is to be the final. Arbitrators and Umpire appointed under this Rule shall not be interested in the transaction and shall be either a Member of this Association or, with the consent of his Principals, an employee of a Member.

Any party to a contract under these rules who may desire an arbitrator to be appointed on his behalf may apply to the Association within the times stipulated in Rule 4 and the President, Vice-President or Hon. Treasurer shall appoint an Arbitrator to act for the party applying. Such application addressed in writing to the Secretary and provided that notice in writing of such application has been given to the other party within the time stipulated in Rule 4 shall for the purposes of any time limit provided by these Rules be equivalent to the appointment of an arbitrator by the applicant.



2.-- All awards by arbitrators or an umpire shall be in writing on an official form issued by the Secretary of the Association, and the arbitrators or umpire shall have power to award the costs of and connected with the reference, and may assess the same as they or he shall think fit.

Any extension of time for appealing granted by the arbitrators or umpire pursuant to Rule 7 (5) shall be stated in the Award.

3. (a) Upon the signing of the award it shall be the duty of the arbitrators, or, in case of an umpire, of the umpire, to lodge the award and two official copies thereof with the Secretary of the Association, who shall date same and give notice to the parties concerned in the dispute that the award is at their disposal on the payment of the fees and expenses to the Association.

(b) The award, in writing (subject to the right of appeal hereinafter mentioned), shall be conclusive and binding on the parties, both with respect to the matter in dispute and all expenses of and incidental to the reference and award.

(c) If the award is not taken up within seven days, the Secretary of the Association may call upon either of the disputing parties to take up the award, and in such case the party so called upon shall take up the award and pay the fees and expenses as directed.

4. Notice of arbitration shall be given and arbitrator appointed in writing by the party claiming arbitration as stated below, which notice shall be valid if passed on by intermediate parties without delay.

(a) In respect to contracts for goods sold for shipment which have not been delivered: not later than three months after expiry of contract time of shipment.

- (b) In respect to the quality or condition of goods sold for shipment and delivered : not later than 21 working days after final discharge of vessel declared against the contract.
- (c) In respect to the quality or condition of goods sold otherwise than for shipment : within 21 working days from date of delivery.
- (d) In respect to matters other than provided for above : within 21 working days of the dispute having arisen.

5. Arbitration on quality or condition shall be completed within two calendar months of the date of appointment of an arbitrator by the party against whom arbitration has been claimed, or in cases requiring reference to a standard sample made up by the Association, within one calendar month of the making up of such standard sample, whichever is the later date, unless unavoidable circumstances prevent the signing of the award. The arbitrators or umpire may in writing from time to time extend the time for making the award.

5A. In the event of a contract forming part of a string of contracts which are in all material points identical in terms, except as to price, any arbitration for quality or condition shall be held as between the first seller and the last buyer in the string as though they were contracting parties, and any award so made shall, subject to the right of appeal as provided in these Rules, be binding on all intermediate parties in the string, and may be enforced by any intermediate party against his immediate contracting party as though a separate Award had been made under each contract.

6. In the event of one of the parties failing to appoint an arbitrator for seven clear days after the other party, having appointed his arbitrator, has served the party making default with notice in writing of such appointment and calling upon such party to appoint his arbitrator (such notice to be delivered as per Rule 17) then, upon application by either of the disputing parties and provided the applicant at the same time pays to the Secretary of the Association the sum of £2 2s. Od. in the case of a member, or £4 4s. Od. in the case of a non-member, the President, Vice - President or Hon. Treasurer for the time ...



being, shall appoint an arbitrator to act on behalf of the defaulting party. Any one of such officers of the Association shall also have power to appoint an arbitrator or arbitrators, or umpire upon application being made and upon payment being made to the Secretary as provided by the preceding paragraph, in the event that the arbitrators appointed fail to agree upon the appointment of an umpire or an arbitrator or umpire shall die, or refuse to act or become incapable of acting or fails to proceed with the reference and the party or parties upon whom his appointment originally rested shall omit to appoint a substitute within three days after notice of such death, refusal, incapacity or failure as the case may be.

All persons appointed under the provisions of this Rule shall be qualified to act as defined in Rule 1 above.

- 7.\_\_(1) In case either party shall be dissatisfied with the arbitration award, a right of appeal shall lie to a Board of Appeal to be appointed by the Committee of Appeal of the Association, provided the appellant shall comply with the following conditions, but not otherwise:
- (a) The appellant shall give written notice of appeal to the Secretary of the Association accompanied by a copy of the notice sent by him to the other party to the arbitration award as required by condition (c) and (subject to the provisions of paragraph (4) of this rule) payment to the Association of a fee of £42, if the appellant is a member of the Association, or a fee of £63 0s. 0d. if he is a non-member.
  - (b) The appellant's notice of appeal (except in the event stated in paragraph (5) of this Rule) shall reach the Secretary not later than 12 noon on the 28th day after the date of the arbitration award (Sundays and public holidays during that period not to count).

- (c) The appellant, when giving notice of appeal, shall also despatch written notice thereof to the other party.
- (d) The appellant shall proceed with his appeal with due despatch.
- (2) Such further sum or sums on account of fees as may be called for by the Association shall be paid by the appellant prior to the publication of the award by the Board of Appeal.
- (3) (a) If the appellant on receiving notice from the Secretary of the date fixed for the hearing of the Appeal shall request a postponement of more than 14 days, or at the first or any subsequent hearing of the Appeal shall request an adjournment, or if either party shall require a Special Case to be stated for the opinion of the Court, then in any such event the Board of Appeal may in its absolute discretion direct that any money required by the terms of the Arbitration Award to be paid by either party to the other shall be paid either in whole or in part to the Association.
- (b) Such money shall be placed on deposit with a bank in the name of the Association pending the publication of the award of the Board of Appeal and on the publication of the award the said money (with the deposit interest less tax) shall be applied by the Association in such manner as to give effect to such award either in whole or in part according to the interests of the parties and the principal sum available Provided That if, in the opinion of the Board of Appeal after hearing the parties, the appellant shall be guilty of undue delay in proceeding with his appeal he shall, after due warning and if the Board of Appeal so decides, be deemed to have withdrawn his appeal (with the like consequences as are stated in Rule 12) in which said event the money on deposit, with the interest thereon, shall immediately become due and payable to the party entitled thereto under the terms of the Arbitration Award.



- (4) If the appellant is precluded by currency regulations from paying immediately any money due to be paid by him under this rule and notifies the Secretary in writing (i) in the case of the Appeal Fee when giving notice of appeal and (ii) in the case of any further sum being called for under paragraph (2) or being directed to be paid under paragraph (3) within seven days of the money being demanded, accompanied (in every case) by evidence from a bank that he has already made application for the transfer of the required sum he shall be granted an extension of up to 21 days from the date when the said payment became due in which to pay the same.
- (5) The arbitrators or umpire, on the application of either party before the Arbitration Award is published, shall have power to extend the time for appealing in any case in which they or he consider it just or necessary to do so.

8.--The Appeal shall be determined by a Board of Appeal elected by the Committee of Appeal and acting in accordance with the Rules and Regulations of the Association for the time being in force.

9.--Each party to an appeal shall state his case either verbally or in writing and appear either personally or by any agent engaged in the trade and duly appointed in writing, but shall not be represented or appear on the hearing of such appeal by counsel or solicitor unless special leave shall have previously been obtained in writing from the Board of Appeal, which leave the Board of Appeal may grant or refuse in their sole discretion and without assigning any reason.

10.--The Board of Appeal shall confirm the award appealed from unless all or all except one of the members of the Board of Appeal decide to vary such award. The Board of Appeal may award the payment of the costs and expenses of and incidental to the arbitration and appeal, but such fees shall follow the award, unless all or all except one of the members of the Board of Appeal shall direct otherwise. The award of the Board of Appeal, whether confirming or varying the original award, shall be signed by the Chairman of the Board of Appeal, and when so signed shall be deemed to be the award of the Board of Appeal and shall be final and conclusive in all cases.

- 11.--No award by arbitrators or an umpire shall be questioned or invalidated on the ground that either of the arbitrators or umpire is or was not qualified to act as provided in Rules 1 and 6, unless objection to his acting is made in writing before the hearing of such arbitration is begun. Provided that it is expressly declared that no person shall act as Arbitrator or Umpire in any dispute in which he is directly interested as a member of or as being associated with a firm or Company named as a party to the Arbitration. No award of a Board of Appeal shall be questioned or invalidated on the ground of any irregularity in the election of the Board of Appeal or any of its members, or on the ground that any member of the Board of Appeal was not eligible to serve, unless objection is made in writing and established to the satisfaction of the Board of Appeal before the hearing of the Appeal is begun. The Board of Appeal shall have the power to vary an award (in addition to the power to vary in any other manner) by increasing, if the Board shall see fit, the liability of the appellant.
- 12.--An appellant shall have the right at any time before the hearing of the appeal is begun, to withdraw his appeal, subject to payment of such costs, if any, as the Committee of Appeal or Board appointed to hear the appeal may determine. On notice being received from the appellant not less than 24 hours before the time fixed for the meeting of the Committee of Appeal £25 4s. of the fee shall be returned, and on notice, not less than 24 hours before the time fixed for the meeting of the Board of Appeal, £12 12s., but on any later withdrawal no part of the fee shall be returned.
- 13.--Where appeals are lodged by both parties, and the Board awards that the fees shall be divided, £12 12s. shall be returned to each party, and when the fees are not so divided, £25 4s. out of the £42 or £63 lodged shall be returned to the successful appellant.
- 14.--No fee shall be charged by the Board of Appeal as remuneration for their services in hearing an appeal beyond the sum allowed therefor by the Council out



of the £42 or £63 referred to in Rule 7, except where leave is granted for the hearing of Counsel or Solicitor or a Special Case is required to be stated.

- 15.--The party requiring a Special Case to be stated for the opinion of the Court shall, within seven clear days from the requirement pay to the Association by way of deposit and on account of the costs and expenses of or connected with the stating and argument thereof the sum of £210 or such larger sum as the Board of Appeal may require and shall, on demand pay to the Association such further sum or sums, if any, as the Board of Appeal may from time to time require for or on account of such costs and expenses.
- 16.--The Secretary may call upon either of the disputing parties to take up the award of the Board of Appeal, and in such case the party so called upon shall take up the award and pay the fees as directed.
- 17.--Any notice may be delivered personally, left at, sent by registered or unregistered post, by telegram, by cable or by telex or other method of written communication to the place where the party to whom it is to be delivered is carrying on, or (by reason of the provisions of the contract) is to be considered to be carrying on business.
- 18.--All samples sent to the Association for arbitration, testing and/or other purposes shall become and be the absolute property of the Association.
- 19.--No appeal will be allowed on awards for condition where goods are sold on terms "Guaranteed sound on arrival and/or Rye Terms."
- 20.--Whenever it shall appear to the Council that by reason of a state of War now existing, or which may hereafter exist, parties to contracts which have been, or may hereafter be made, upon any of the contract forms of the Association, have been, or may be prevented from exercising any of their rights within the time limits prescribed by Rules 3 (c), 4, 5, 6, 7 and 15 of these Rules, the Council shall have, and shall

be deemed always to have had, the power to enlarge any of such time limits at any time and to any extent necessary to enable justice to be done between the parties. Such enlargement may be made generally or with reference to any particular dispute.

In the event of the Council deciding so to enlarge any of such time limits with reference to any particular dispute notice thereof shall be given by the Council to any of the parties to the contract as may be available to receive it.

- 21.--In the event of any party to an arbitration held under these Rules neglecting or refusing to carry out or abide by any Final Award of Arbitrators or Umpire or Board of Appeal made under these Rules, the Council of the Association may post on the Association Notice Board and/or circularize to Members in any way thought fit a notification to that effect. The parties to any such arbitration shall be deemed to have consented to the Council taking such disciplinary action as aforesaid.

All Communications to be addressed to  
the Secretary, The Cattle Food Trade Association (Incorporated), Audrey House, 5/7 Houndsditch, London, E.C.3

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